

Historic, Archive Document

Do not assume content reflects current scientific knowledge, policies, or practices.

INDEXED.



Choice Evergreens are Decorative Twelve Months in the Year.

Time to Plant.—As our success is largely dependent on that of our customers we ship at the best time to plant. Order early, therefore, and on receipt of your order we will advise the best time for shipment and planting.

Many a tree, no doubt, is properly planted but suffers from being planted too late in spring or too early in fall. The tree should be set when dormant, early enough to establish root growth before overtaken by the hot weather of May and June. In the fall, the dormant season for evergreens is early—August. They begin to make their fall growth at the root in September while the deciduous trees do not become dormant until about the time the leaves fall.

To properly plant a tree or shrub is a very easy matter if one will carefully follow these four rules:

FIRST.—Dig the holes large enough to admit the roots spread out in their natural position, and deep enough to allow the plant to stand at the same depth it stood in the nursery. More trees are lost by deep planting than by shallow.

SECOND.—Use no fertilizer, but sprinkle fine soil among the roots, shaking the tree a little if necessary, or using the hand, if the fibrous roots are very numerous, so that every root may come in contact with the soil.

THIRD.—When the roots are well covered, the earth should be tramped, or tamped, as firm as a post. Put in more earth and tamp again. The last two or three inches of earth should not be tamped, leaving it loose for the rain to be taken in. Do not round up the earth about the tree, lest the water run off. If the weather is dry early in fall or late in the spring, water may be poured in about the tree; otherwise it is seldom necessary.

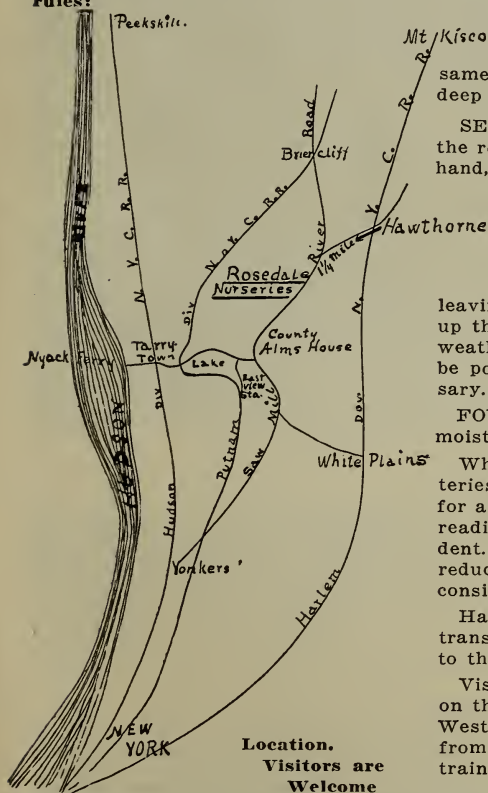
FOURTH.—Give the tree a good mulching to hold the moisture, or stir the ground with a hoe once a week.

Where large future plantings are to be made in cemeteries, parks or large estates, the economy of growing trees for a year or more in the nursery row, from which they are readily transplanted to other parts of the grounds, is evident. The cost of packing, transportation, etc., is hereby reduced to the minimum, and the cost of the plants is inconsiderable.

Having best facilities for furnishing nursery grown, oft-transplanted stock, we solicit opportunity to quote prices to those intending large plantings.

Visitors are welcome any day except Sunday. Location on the Saw Mill River (State) Road, 1¼ miles north of the Westchester County Almshouse at East View, and 1¼ miles from Hawthorne, on Harlem R. R. Carriages meet all trains at Hawthorne. Fare, 25 cents.

Location.
Visitors are
Welcome



ROSEDALE NURSERIES, TELEPHONE 628, TARRYTOWN, N. Y.

Why Buy At Rosedale ?

Some concerns put great stress on the age and size of their nurseries; others on their low prices. Rosedale Nurseries cannot lay claim to superiority for either of these reasons, but there are several reasons we consider far more important than either of these, why our list of customers is not only increasing rapidly but a very large per cent of them come back from year to year and bring their friends.

Last fall a lady came to "Rosedale" and after looking over our stock, placed a handsome order, saying, "Mrs. _____, of Mt. Kisco, told me not to order any more trees until I saw yours."

Spring, 1915, we delivered by truck to a new customer in Westchester County, \$500 worth of evergreens, only one of which failed. He came back in July and placed an order for \$503 more to be delivered in spring of 1916. He wanted to be sure of securing the same quality as before and ordered nine months in advance of delivery. Another who purchased \$1,388 worth came back in September with an order for \$1,417. One customer in Massachusetts orders a car or two of trees every year. He lost only one tree of a car of large evergreens in spring, 1915. Of a car shipped to one of his neighbors, not a tree failed and last August he asked us to complete this spring of 1916, a planting of several hundred trees and shrubs called for in our landscape plan.

1st—Location

The location is in one of the most trying of climates. The temperature sometimes goes down to 17 degrees below zero and in a few days changes to a mild temperature and vice versa. Thus, the stock becomes inured to any climate. Further north trees are subjected to more severe cold, but the cold being constant, plants do not suffer as much as by sudden changes.

Our location is convenient to a large territory by motor truck in addition to the N. Y. Central Railroad and its connections in all directions. Moreover, the Tarrytown boat to New York connects with boats to New England points, Philadelphia, Baltimore, Savannah, etc.

2d—Personal Attention

Rosedale Nurseries are not so large but that each order gets that personal attention so essential to care in selection and packing. Each customer not only finds much practical information in our catalogue but also is freely given answers to many queries as to selection and location of the proper trees and plants for stated places and conditions. Our fifty years of Farm, Orchard, College, Nursery and Landscape Training are at their service.

3d—Clean Stock

Constant care and attention are given by our Cornell graduate to keep the nursery free from disease and insect pests. The state inspectors who go through our nurseries twice a year marvel at the healthful condition of Rosedale stock.

4th—Quality

In addition to freedom from disease and insect pests, the quality of nursery stock depends on several things carefully looked after at "Rosedale". Tops are carefully pruned to give proper shape and trees are frequently transplanted to develop root system. A glance at the roots shown on pages 3, 6, 8 and 14, shows the effect of frequent transplanting. No matter what the size, shape, or beauty of the top may be, if the roots have not been well developed by frequent transplanting, the tree has little value. In other words, the quality of the tree depends much more upon the root than upon the top. The real value of a tree is the part under the ground.

Our trees are so well furnished with fine, feeding roots that when dug up in December and used for Christmas trees, our customers successfully set them out soon after Christmas, the most untimely season for planting evergreens.

One customer writes: "It's a pleasure to do business with you and you prove your slogan 'The Quality of an article is remembered long after the price is forgotten.'"

5th—Fair Prices

Frequent transplanting, so essential to the development of good roots, does not produce as large a tree in a given time; and, therefore, it costs more to produce a tree of a certain size. This, no doubt, makes some of our prices seem high to some intending purchasers; but, we believe that in accordance with our motto, our prices are "As Low as Consistent with Highest Quality", especially as we make no charge for burrlapping evergreens or boxing and packing our stock.

10 per cent. discount will be allowed for 5 to 25 of a kind where the ten rate is not given.

20 per cent. discount will be allowed for 25 or more of a kind where ten and hundred rates are not given.

Special prices on orders for \$100 or more in assorted kinds.

Landscape Designs

So much depends upon the intelligent selection of varieties and harmonious design in planting to make a landscape picture, that we consider this department of our work quite as important as getting together the very best material. The landscape should present pleasing pictures from various points of view—from the different living-rooms as well as from different positions on the grounds, arrangement for color effect, space for vistas and the screening of unsightly objects—but all in unity of design. See plans pages 62 and 63.

Evergreen Trees

LARGE STOCK. LOW PRICES

Pseudotsuga Mucronata (Douglas Spruce or Fir)

From Colorado.

THE DOUGLAS SPRUCE OR FIR is the tree for the million. It would be difficult to overrate its beauty. Its horizontal branches, with pendulous branchlets richly clothed with dark green or bluish green foliage, render it a striking object in the landscape. As a forest tree it produces a greater crop of lumber per acre than any other species. It probably grows faster than any other conifer. The wood is hard and durable and much used for construction, for railway ties and masts. The bark is used for tanning leather. The trees are very hardy and endure both drought and cold. Those we planted at Lenox, Mass., in 1908, 1,000 feet above sea level in the Berkshires, have stood that trying climate as well as the hardiest varieties known and the foliage appears as bright and fresh in spring as in autumn. Like many of our American plants, in England they are made more of than in this country. The Douglas Spruce was introduced into England more than 100 years ago where fine specimens have been developed, retaining their symmetry in a perfect pyramid, the lower branches being all present and resting on the ground.

We quote from a most excellent article on evergreens by E. H. Wilson, in the December "Garden Magazine". "The Douglas Fir is one of the most valuable of all coniferous trees and, from a horticultural viewpoint, one of the most indispensable. In the Arnold Arboretum, Boston, trees 40 years of age are 50 feet and more tall and others about 15 years old are 18 to 25 feet tall. The lower branches of these trees sweep the ground and the others incline upward and have a plume-like appearance. Either as a lawn tree, or for avenues, or for massing, the Douglas Fir is equally valuable and it needs no commendation."

The owner of one of Westchester County's finest estates says, "The Douglas Spruce is one of the two Conifers I like best."

	Each	10
3 to 4 ft.	\$ 2.25	\$20.00
4 to 5 ft.	3.00	27.50
5 to 6 ft.	4.00	37.50
6 to 7 ft.	5.00	47.50
7 to 8 ft.	7.00	67.50
8 to 10 ft.	\$ 8.00 to 10.00	
10 to 18 ft.	10.00 to 25.00	

Blue Douglas (Glaucia)... Like all evergreens, the Douglas Seedlings vary in color from a dark green to a bluish-green foliage. One of these especially blue seedlings was so striking that it has been used for grafting and is now offered under the name of Glaucia.

	Each	10
3 to 4 ft.	\$4.00	\$37.50

From a well known landscape architect.

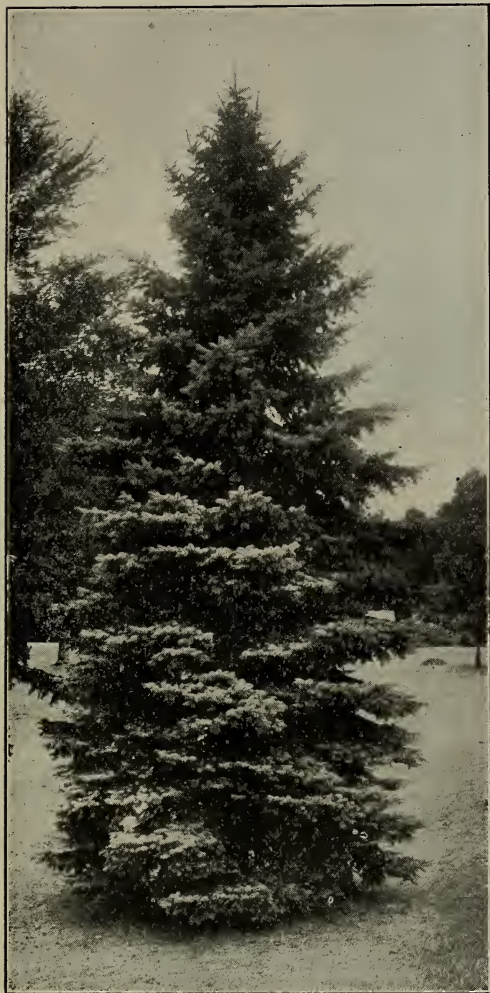
The material sent to — is most satisfactory, and I consider these prices as low as they ought to be. The root systems as you say are most unusual and it gives me great pleasure to know that such things can be bought.

From New York.

The trees were lovely and look very well. Thank you very much for selecting such good specimens.

From New York.

Every time I pass the house of a neighbor who has one of your Koster's Spruces, I regret not having ordered our evergreens of you.



Douglas Spruce.

From Hudson, N. Y.

In all my experience with nurserymen I have never received or seen such sturdy, heavy rooted plants. If you make a practice of treating all your customers the same way, your clientele must be a very large one. However that may be, my personal appreciation is very great. You will certainly hear from me again.

From New York.

The trees are in splendid condition. I am liking the Douglas Spruce immensely.

From Lakewood, N. J.

Have received those 5,000 White Pines one day ahead of your letter of the 22nd. Trees are healthy and arrived in good condition.

From New York.

I am gratified to be able to say that the shrubs and trees which I purchased from you a year ago have almost without exception proved a success. Please send me the following:



Four Times Transplanted. Three Times Transplanted. Twice Transplanted.

Prices

In comparing prices please note the fact that we make no charge for boxing or packing, or for burlaping the ball of evergreens. Special prices on \$100.00 or more, or in car lots.

Abies - Fir

Abies concolor. (Silvery Fir of Colorado.) Tree of graceful habit; bright, handsome foliage, bluish above, silvery beneath; very distinct and exceedingly rare. It is very hardy, grows rapidly and the most desirable Fir for the Eastern States. This tree stands at the head of our list of evergreens not only alphabetically but also intrinsically. If you can plant but one evergreen, plant this and its soft foliage and perfect symmetry will be an increasing delight. Owing to the scarcity of this valuable tree, prices have been very high, but by large plantings from year to year we have at last succeeded in getting stock sufficient to warrant our offering them at the following reasonable prices.

	Each
2½ to 3 ft.....	\$ 3.50
3 to 4 ft.....	4.50
4 to 5 ft.....	6.00
5 to 6 ft.....	7.50
6 to 10 ft.....	\$8.50 to 15.00

A. c. violacea. A very beautiful light-blue form of concolor. Prices same as type.

A. Nordmanniana. (Nordmann's Silver Fir.) This variety is native in the mountains of Crimea, where it attains a height of 100 feet. The foliage is of the darkest green, silvered underneath, retaining its color throughout the year. It contrasts well with lighter evergreens, is very hardy and of rapid growth.

	Each
3 to 3½ ft.	\$ 3.00
3½ to 4 ft.	4.00
4 to 5 ft.	5.00
5 to 6 ft.	6.00
6 to 10 ft.	\$8.00 to 20.00

From Brooklyn, N. Y.

The writer was in Hastings yesterday when the load of trees reached "The Hemlocks". I was greatly pleased with the fine appearance of the hemlocks, pines, sugar maples, larch, etc.

Photo-engraving of three Hemlock Spruce, each 3 feet high, with ball of earth shaken out to show results of frequent transplanting. Note the increased mass of fibrous roots, also increase of fatness of tops.

All our stock, both deciduous and evergreen trees and shrubs, is frequently transplanted. Our Maples, Lindens, Poplars, Dogwood, etc., show the same masses of fibrous roots as Hemlocks above. In digging, great care is used to preserve the roots intact. We do not use a tree-digging machine. Moreover, our stock is not dug in autumn and stored in cellars, but dug fresh from the ground at time of packing the order.

Of two carloads of evergreens sent to western Massachusetts, spring 1915, only one tree failed. From an order of \$500 worth of large evergreens from 8 ft. to 18 ft. delivered spring 1915, by truck in Westchester County, only one tree failed.



Abies Concolor

One of the best known park superintendents in the country says: "I know of no evergreen more beautiful than the Concolor Fir unless it be a well grown Hemlock."

Juniperus - Juniper

All the Junipers are valuable ornamental plants—the upright species as single specimens or in groups, and the low forms well adapted for rocky slopes or banks. Junipers thrive best in a sandy, loamy soil, moderately moist, but do well in rocky and gravelly soils in sunny open situations. Excellent for seaside planting.

Juniperus Chinensis. (Chinese Juniper.) A great acquisition from China and Japan; perfectly hardy in the most severe winters. One of the finest of all hardy evergreens; color a pretty grayish green.

2 to 3 ft.....	\$2.50
3 to 4 ft.....	3.50
4 to 5 ft.....	5.00
5 to 6 ft.....	6.50

J. Canadensis. Foliage light green; very hardy and a good grower. Decidedly dwarf, never growing more than four feet across the spreading top.

2 to 3 ft. broad.....	\$2.50
3 to 4 ft. broad.....	3.50

J. aurea. (Douglas Dwarf Golden Juniper.) Very dwarf, spreading form, which turns to a beautiful bronze in winter. Very suitable for edging groups and in rockeries.

2 to 3 ft. broad.....	\$2.50
3 to 4 ft. broad.....	3.50

J. C. Hibernica. (Irish Juniper.) Neat and effective with other small evergreens. Not very hardy.

2 to 2½ ft.	\$1.00
2½ to 3 ft.	1.25

J. Sabina. (Savin's Juniper.) Dwarf, spreading shrub. Grows in the poorest soil. Very valuable for rockeries, borders and groups.

1½ to 2 ft.....	\$1.50
2 to 2½ ft.....	2.00
2½ to 3 ft.....	2.50
3 to 4 ft.....	3.50

J. Sabina prostrata. Trailing form of Savin's Juniper. Excellent for rockery.

2 to 3 feet broad.....	\$1.50
------------------------	--------

J. c. Suecica. (Swedish Juniper.) A native of northern Europe. Conical, upright-growing bush from 12 to 20 feet. Very hardy.

2 to 3 ft.....	\$1.75
3 to 4 ft.....	2.50

J. Japonica aurea. (Japan Golden Juniper.) Native of China and Japan. A dwarf, dense, bushy evergreen, with golden foliage; forms a compact bush 3 to 5 feet in height.

18 to 24 in.....	\$1.50
2 to 3 ft.....	2.00
3 to 4 ft.....	3.00

J. oblonga pendula. (Weeping Juniper.) 15 to 20 feet high. Native of the mountains of northern Japan; perfectly hardy with us; very graceful.

3 to 4 ft.....	\$ 3.00
4 to 5 ft.....	4.00
5 to 6 ft.....	5.50
6 to 8 ft.....	\$6.00 to 10.00



Pinus Austriaca—Black or Austrian Pine

J. Pfitzeriana. A comparatively new form, exceedingly graceful and beautiful. It is a very rapid grower and like most Junipers, perfectly hardy. After five years' test in our ground, we can most highly recommend this tree.

	Each
2½ to 3 ft.....	\$ 2.75
3 to 4 ft.....	3.50
4 to 5 ft.....	4.50
5 to 6 ft.....	5.50
6 to 8 ft.....	\$6.50 to 10.00

J. tamariscifolia. A procumbent shrub of great beauty with delicate bluish-green foliage.

1 to 1½ ft.....	\$1.50
1½ to 2 ft.....	2.50

J. Virginiana. (Red Cedar.) Fine for formal planting.

3 to 4 ft.....	\$1.50 to \$2.00
4 to 5 ft.....	2.50 to 3.00
5 to 6 ft.....	3.00 to 4.50
6 to 9 ft.....	5.00 to 10.00

J. V. aurea variegata. Pyramidal in form, like Virginiana, but of finer growth. Keeps its golden color well throughout the year.

5 to 6 ft.	\$4.50
6 to 8 ft.	\$5.00 to 7.00

J. V. elegantissima. (Lee's Golden Virginian Juniper.) Beautiful golden hue adorns the tips of the branches. A rapid grower of great beauty.

3 to 4 ft.	\$3.00
4 to 5 ft.	4.00
5 to 7 ft.,	\$5.00 to 7.00

J. V. glauca. (Blue Virginiana.) Of compact, conical habit and bright, silvery foliage.

2 to 3 ft.	\$ 2.00
3 to 4 ft.	3.00
4 to 5 ft.	4.00
5 to 9 ft.,	\$5.00 to 10.00

J. V. Schottel. Narrow pyramidal form of Virginiana; foliage light green, superb.

4 to 5 ft.	\$4.00
5 to 7 ft.,	\$5.00 to 8.00



A Young Block of White Pine (*Pinus Strobus*)

Pinus - Pine

The pines are essentially inhabitants of the poor, sandy soils and dry situations. Their stout root-system enables them to seek scanty water supplies where other species find it difficult. Some, like the White Pine, are adapted to a variety of soil conditions, but only a few can endure a surplus of water.

Pinus Austriaca. (Austrian, or Black Pine.) A massive and handsome tree of spreading habit. Foliage deep, blackish green. One of the best Pines for forming screens and shelter for more tender trees. Is perfectly hardy and thrives in any moderately dry soil. Flourishes near the sea-coast and on high, bleak hills.

2 to 3 ft.	\$ 2.00
3 to 4 ft.	3.00
4 to 8 ft.	\$ 4.00 to 10.00
13 to 15 ft.	15.00 to 20.00

P. Cembra. (Swiss Stone Pine.) This is dwarf, of conical growth; very compact and symmetrical. We consider this one of the choicest dwarf evergreens in the list. We offer a fine stock.

1½ to 2 ft.	\$ 2.00
2 to 2½ ft.	2.50
2½ to 3 ft.	3.00
3 to 3½ ft.	4.50
3½ to 4 ft.	5.50
4 to 8 ft.	\$6.00 to 12.00

P. Excelsa. (Bhotan Pine.) One of the most beautiful of the pine family. A rapid grower and very hardy. In its native habitat it reaches a height of 150 feet. Taken all in all, it is a great favorite, "having a charmingly graceful habit and soft, pretty glaucous foliage. Needles five to seven inches long."

4 to 5 ft.	\$ 3.50
5 to 6 ft.	4.50
6 to 14 ft.	\$5.50 to 15.00

P. Montana. (Swiss Mountain Pine.) Bright green foliage. Habit variable. Dwarf, low, sometimes prostrate, useful either singly or on rocky slopes or border to other trees.

	Each	10
2 to 3 ft. broad	\$2.50	\$20.00
3 to 4 ft. broad	3.50	30.00
4 to 5 ft. broad	4.50	40.00

In comparing prices on evergreens, width and compactness determine value quite as much as height.



Pinus Mugho



White Pine, 5-6 ft.

P. Mugho. (Dwarf Mountain Pine.) A bushy species indigenous to northern Europe. Forms a dense bush and keeps below 4 feet in height for many years. This is one of the scarcest varieties in the market. Our stock is unusually fine.

	Each.
15 to 18 in., broad.....	\$ 1.50
18 to 24 in., broad.....	2.50
2 to 3 ft., broad.....	\$3.00 to 4.00
3 to 5 ft., broad.....	5.00 to 10.00

Pinus resinosa. (Red Pine.) A hardy native pine of vigorous growth. In appearance much like the Austrian.

	Each	10	100
6-12 in.....	.....	\$ 4.00	
12-15 in.....	\$0.25	\$2.00	15.00

P. Strobus. White or Weymouth Pine. It is beautiful in every stage of its growth, from a plant to a stately tree of 150 feet. When well established, this tree will grow from 2½ to 3 feet every year. There is no prettier native Pine than this, and it is easily grown on all soils; in fact, were we to consider its economic importance, its adaptability to climate and soil, or its ornamental use, we must give it chief place among our native pines.

6 to 12 in. . .	\$3.50 per 100; \$30.00 per 1,000	
	Each	10
3 to 4 ft.	\$ 1.25	\$10.00
4 to 5 ft.	\$150 per 100	2.00
5 to 6 ft.	250 per 100	3.00
6 to 7 ft.	350 per 100	4.00
7 to 8 ft.	500 per 100	6.00
8 to 9 ft.	7.50	70.00
9 to 10 ft.	9.00	85.00
10 to 12 ft.	\$10.00 to 12.00	
12 to 16 ft.	12.00 to 18.00	

**Koster's Blue Spruce****Picea - Spruce**

No group of evergreens is more widely used in landscape work than Spruces, many of which are among the most showy and rapid growing evergreens; in fact, some of the varieties are almost indispensable, and yet, strange to say, the Norway Spruce is the only one that is widely known. This is because it is a very rapid grower, and therefore can be sold cheap. When, however, one has seen a well-developed specimen of either Alcock's, Douglas', Koster's Blue, or the Oriental Spruce, price seems of minor importance, Spruces will grow in almost any kind of soil moderately moist, and are easily transplanted even when quite large.

Picea Alba. (White Spruce.) A native tree of medium size, varying in height from 25 to 50 feet. Of pyramidal form; very shapely in appearance. The foliage is silvery gray; one of the hardiest of evergreens, and is adapted to sections where many others would fail. Will thrive in light, moist soil.

	Each	10
2 to 2½ ft.....	\$1.00	\$ 8.00
2½ to 3 ft.....	1.25	10.00
3 to 4 ft.....	1.75	15.00
4 to 5 ft.....	2.50	20.00
5 to 10 ft.....	\$3.00 to 7.00	

P. Alcockiana. (Alcock's Spruce.) Foliage pale green, rich blue underneath. One of the choicest ornamental evergreens as a specimen on the lawn. Rapid grower; bears cones when young.

5 to 6 ft.	\$3.50
6 to 8 ft.	5.00

P. Engelmanni. (Colorado Spruce.) Resembles the familiar Colorado Blue Spruce; a compact grower and develops into a grand tree. Among the many sorts of Spruces, native and foreign, Engelmanni stands distinct. There is no other one to be confounded with it, and this, with its general merits, calls for its notice from those about to plant.

2 to 3 ft.	\$ 2.50
4 to 5 ft.	5.00
5 to 8 ft.	\$6.00 to 10.00

Picea excelsa. (Norway Spruce.) No evergreen is more generally planted than this, because of its exceedingly rapid growth and extreme hardiness, which adapt it for shelter and massing for effect. It will grow 3 feet annually when well established.

	Each	10
1 to 1½ ft. ..	\$15 per 100	\$.30 \$ 2.50
1½ to 2 ft. ..	30 per 100	.50 4.00
2 to 3 ft. ..	50 per 100	.75 6.50
3 to 4 ft.		1.25 10.00
4 to 5 ft.		2.00 15.00
5 to 6 ft.		3.00 25.00
6 to 12 ft.	\$3.50 to 10.00	

P. e. aurea. A beautiful golden form of the well-known Norway Spruce, which keeps its color throughout the year.

6 to 7 ft.....	\$5.00
7 to 8 ft.....	6.00

P. e. inverta. (Weeping Norway Spruce.) Very grotesque, with foliage lighter and brighter than the species.

9 to 11 ft.....	\$5.50 to \$7.00
-----------------	------------------

P. p. g. Kosteriana. (Koster's Colorado Blue Spruce.) This we consider one of the finest native evergreens. Foliage of the richest blue or sage color; perfectly hardy everywhere. All our stock is grafted from the original Koster specimen and its descendants, and therefore all alike in color. Seeing the splendid form and color of our trees, one customer ordered 200 of them.

Do not confuse this variety with a seedling which is off color ten months of the year. The genuine Kosteriana keeps its rich blue color throughout the year.

2 to 2½ ft.	\$ 2.50
2½ to 3 ft.	3.50
3 to 4 ft.	5.00
4 to 5 ft.	\$6.00 to 8.00
5 to 6 ft.	9.00 to 12.00
6 to 9 ft.	13.00 to 20.00

P. p. g. pendula. This is the greatest acquisition in conifers in many years. All the branches, even the young shoots, are very drooping; has the same striking blue color as Koster's Blue Spruce.

4 to 5 ft.	\$ 4.50
5 to 6 ft.	6.00
6 to 10 ft.	\$7.00 to 12.00

P. nigra Donnetii.

(Black Spruce.) A native tree, dwarf and compact, in growth, with glaucous foliage. The most ornamental garden form of the black spruce, having a dense conical pyramid.

3 to 4 ft.	\$2.00 to \$3.00
-----------------	------------------

4 to 5 ft.	\$3.50 to \$5.00
-----------------	------------------

P. Omorika. (Serbian Spruce.) Handsome tree of rather slow growth, forming a dense, narrow pyramid when young.

2 to 3 ft.....	\$2.00
----------------	--------

P. orientalis. (Eastern Spruce.) Foliage smaller and more dense than that of the other Spruces; color deep glossy green, brighter and richer than the Norway Spruce; hardy as far north as Boston.

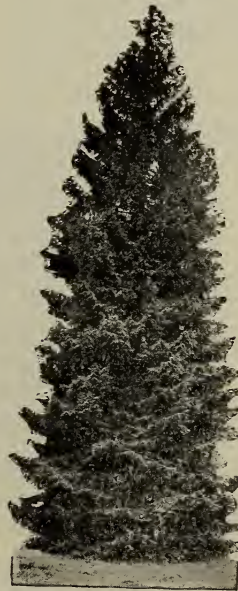
Attains a height of 50 to 60 feet. Prof. Bailey says: "Of slow growth and therefore valuable for smaller gardens."

3 to 4 ft....	\$ 3.00
---------------	---------

4 to 5 ft....	4.50
---------------	------

5 to 6 ft....	5.50
---------------	------

6 to 10 ft.	\$6.50 to 15.00
------------------	-----------------

**Oriental Spruce.**



Sheared Retinispora

Retinispora

Retinisporas are dwarf and compact, handsome, formal-growing evergreens, particularly useful for the planting of evergreen beds and as specimens in front of larger-growing evergreens. They thrive best in moist soils and situations not too much exposed to wintry gales. No group of evergreens is more used than this for ornamental gardening.

Retinispora compacta. Of beautiful light green, growing in compact form and of dwarf size, this evergreen is a general favorite.

12 to 18 in.	.....\$1.50
18 to 24 in.	..... 2.50
2 to 3 ft.	..... 3.25
3 to 4 ft.	..... 4.00

R. filifera. Very graceful, with its long, drooping, tips ending in slender tassels. The color is most beautiful green and the shape pyramidal.

2 to 3 ft.	.....\$2.50
3 to 3½ ft.	..... 3.00
3½ to 4 ft.	..... 4.00
4 to 5 ft.	..... 5.00
5 to 8 ft.	.....\$6.50 to 15.00

R. f. aurea. This is a dwarf golden variety of the preceding; it is the most graceful of all the Retinisporas; scarce and expensive. Pure gold.

1½ to 2 ft.	.....\$2.00
2 to 2½ ft.	..... 3.00
2½ to 3 ft.	..... 4.00
3 to 3½ ft.	..... 5.00
3½ to 4 ft.	..... 6.50

R. pisifera. Fine feathery foliage, with delicate branches.

8 to 10 ft.	.....\$ 7.00 to \$12.00
10 to 15 ft.	..... 12.00 to 15.00

R. p. aurea. A beautiful golden form, with same delicate foliage as Pisifera. Growth tessellated and very wavy; vigorous habit. One of the best.

3 to 4 ft.	.....\$ 3.00
4 to 5 ft.	..... 4.00
5 to 6 ft.	..... 5.50
6 to 12 ft.	.....\$8.00 to 15.00

Top may be ever so good but REAL value of a tree depends upon the root development.



Unsheared Retinispora

R. plumosa. Light green; soft, feathery plume-like foliage; very graceful habit.

2 to 3 ft.	.....\$ 2.50
3 to 4 ft.	..... 3.00
4 to 5 ft.	..... 4.00
5 to 12 ft.	.....\$4.50 to 10.00

R. p. aurea. One of the most beautiful golden evergreens at all seasons.

3 to 4 ft.	.....\$3.00
4 to 5 ft.	..... 3.50
5 to 10 ft.	.....\$4.00 to 8.00

R. squarrosa Veitchii. A handsome glaucous tree, striking appearance and color.

4 to 5 ft.	.....\$ 3.50
5 to 12 ft.	.....\$4.00 to 15.00



Retinispora Filifera

Taxus - Yew

The Yews are very desirable evergreens for park planting. They are densely clothed with dark green foliage well suited for hedges and easily trimmed in any desirable shape. They thrive best in a moderately moist, sandy loam, and endure shade well.

Taxus baccata. (English Yew.) Hardy as far north as Rhode Island and northwestern New York.

18 to 24 in.	\$1.50
2 to 3 ft.	2.50

T. b. elegantissima. (Golden English Yew.) One of the most valuable golden-leaved evergreens. In June and July the leaves of the new growth are a bright straw-color, rendering the plant highly effective whether planted alone or with other evergreens. One of the very hardiest of the Yews.

	Each	10
1 to 1½ ft.	\$1.50	\$12.50
1½ to 2 ft.	2.00	17.50
2 to 3 ft.	3.00	27.50

T. cuspidata. Japanese. Beautiful spreading habit; foliage light green.

2 to 3 ft.	\$3.00
3 to 4 ft.	4.50

T. c. brevifolia. Dwarf, compact and very hardy.

1½ to 2 ft.	2 00
------------------	------

T. Hibernica. (Irish Yew.) A most beautiful fastigiated form of dark evergreen.

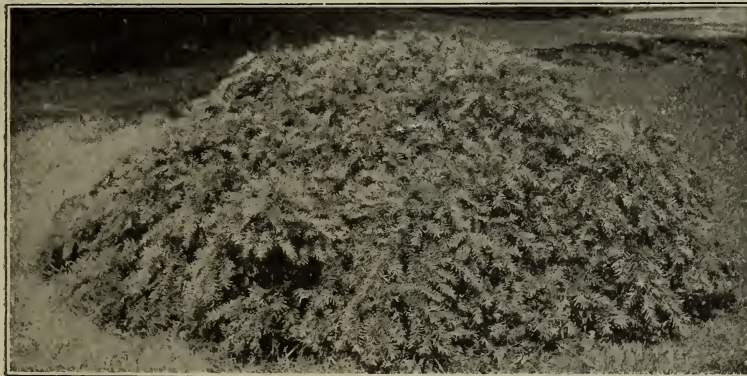
2 to 3 ft.	\$2.00
3 to 4 ft.	4.00
4 to 5 ft.	5.00

T. Washingtoni. (Washington's Golden Yew.) Foliage variegated, with yellow spots and stripes.

18 to 24 in.	\$2.00
2 to 3 ft.	2.50
3 to 4 ft.	3.50

T. repandens. For a beautiful dwarf spreading form, the *Taxus Repandens* is unsurpassed. Its beautiful foliage and graceful drooping branches render it unique among evergreens. It is one of the hardiest of the Yews.

1½ to 2 ft. broad.	\$2.00
2 to 2½ ft. broad.	2.50
2½ to 3 ft.	3.50



Taxus Repandens

We are indebted to Mr. Johnson, superintendent of the Dana estate for the photograph from which this engraving is made. Mr. Johnson justly takes pride in one of the most wonderful collections of evergreens in this country.

Thuja - Arborvitae

Ornamental evergreen trees of narrow, pyramidal habit. Thujas are favorites for formal gardens because of their regular, symmetrical habit. Well adapted for hedges and wind-breaks. They thrive best in a somewhat moist, loamy soil; easily transplanted.

Thuja occidentalis. (American Arborvitae.) Beautiful native tree, commonly known as White Cedar. Especially useful for hedges and screens.

	Each	10
1½ to 2 ft. ..	\$20.00 per 100	\$.35 \$ 2.50
2 to 3 ft. ..	40.00 per 100	.50 4.50
3 to 4 ft.		1.25 10.00
4 to 5 ft.		2.00
5 to 6 ft.		3.00
6 to 8 ft., heavy ..	\$4.00 to	5.00
8 to 15 ft., heavy ...	5.00 to	12.00

Special on car lot.

T. o. compacta. A very dwarf, densely branched variety which assumes an oval form. The foliage is richly colored and very beautiful. Much used in planting evergreen borders or beds, also for cemetery and house decoration.

3 to 4 ft.	\$3.00
4 to 5 ft.	4.00

T. o. Ellwangeriana. Small, compact variety, dwarf and very graceful.

2 to 3 ft.	\$2.00
3 to 4 ft.	3.00
4 to 5 ft.	4.00

T. o. globosa. (Globe-headed Arborvitae.) Dense, low bush, with rich green foliage; keeps its color well through the winter.

2½ to 3 ft.	\$2.00
3 to 3½ ft.	3.00

T. o. Hoveyi. (Hovey's Golden Arborvitae.) Dwarf seedling from the American. Globular outline and bright green foliage with a golden tinge.

12 to 15 in.	\$0.75
2 to 2½ ft.	1.50
2½ to 3 ft.	2.50

T. occidentalis lutea. (Peabody's Arborvitae.) Finest and hardiest of the golden Arborvitaes. Its golden hue is the brightest and most permanent. Makes a fine contrast with darker-colored evergreens.

3 to 4 ft.	\$2.50
4 to 5 ft.	3.50
5 to 8 ft.	\$3.50 to 6.00

T. o. pyramidalis. (Pyramidal Arborvitae.) The deep green color and upright, pyramidal form of this species render it conspicuous in contrast with other evergreens. It is very hardy and vigorous.

3 to 4 ft.	\$1.50
4 to 5 ft.	2.25
5 to 6 ft.	3.00
6 to 10 ft.,	\$4.00 to 6.50

T. o. Sibirica. One of the most useful of the Arborvitaes. It forms a beautiful compact specimen, without shearing; foliage is full and of a peculiar dark green color throughout the year.

	Each	10
18 to 24 in.	\$1.25	\$10.00
2 to 3 ft.	2.50	20.00
3 to 3½ ft.,	3.00	25.00
3½ to 4½ ft.,	\$3.50 to	4.00

T. o. Vervaevenna. A distinct and handsome yellow variety of the American Arborvitae.
 5 to 6 ft.\$3.50
 6 to 10 ft.\$4.00 to 8.00

Thujopsis

Thujopsis borealis lutea. (Nootka Sound Cypress.) A tree of nearly columnar form, growing to a height of 80 to 100 feet. A native of Russia and British Columbia, with ascending branches pendulous at the ends. Resembles the Lawson Cypress, but is more robust and hardy; thrives in any ordinary soil that is not too dry.
 6 to 7 ft.\$ 6.00
 7 to 10 ft.\$7.00 to 10.00

Tsuga - Hemlock

Tsuga Canadensis. (American Hemlock.) One of the most beautiful native trees; being especially rapid in growth and absolutely hardy, together with the fact that it transplants easily, make it a very useful evergreen. Its fine feathery foliage and graceful habit make it a great favorite. The best evergreen for hedge-planting. It bears the shears well and may be kept at any size and shape. If allowed full sunlight, it will hold its lower branches and remain symmetrically furnished from the ground, thus making a splendid lawn specimen.

	Each	10
12 to 18 in., \$ 50 per 100	.75	\$ 6.00
18 to 24 in., 75 per 100	1.00	9.00
2 to 2½ ft., 100 per 100	1.50	12.50
2½ to 3 ft., 125 per 100	1.75	15.00
3 to 3½ ft., 150 per 100	2.00	17.50
3½ to 4 ft., 200 per 100	2.50	22.50
4 to 5 ft.,	3.50	32.50
5 to 6 ft.,	5.50	50.00
6 to 12 ft.,	\$7.00 to 15.00	

T. Caroliniana. (Southern Hemlock.) A native of the mountains of the southern states. This beautiful tree, with its dark green foliage, makes a great addition to our hardy northern ornamental evergreens.

3 to 4 ft.	\$2.50 to \$ 3.00
4 to 5 ft.	3.00 to 4.50
5 to 8 ft.	4.50 to 10.00

T. C. Sargentii pendula. (Sargent's Weeping Hemlock Spruce.) Originated at "Wodenethe" Mr. Sargent's estate at Beacon, N. Y. It has not been as generally planted as it should be,



Hemlock (Tsuga Canadensis)

owing to its slow growth and high cost of production. When well grown it makes a picture. Like most weeping trees, no two plants take quite the same form.

3 to 4 ft. broad. \$6.00 to \$8.00

Sciadopitys

Sciadopitys verticillata. Umbrella Pine. Like many others of our choice plants, this beauty comes from Japan. It is unique among evergreens. The peculiar growth of the leaves in parasol-like whorls gives the variety its name. This tree is hardy as far north as Portland, Me. (according to Professor Bailey.) Its compact conical form, glossy, dark green foliage and adaption to all soils, render it a very desirable tree. We offer a fine stock.

1½ to 2 ft.	\$ 2.50
2 to 3 ft.	4.00
3 to 3½ ft.	5.50
3½ to 4 ft.	7.00
4 to 5 ft.	11.00

From New Jersey.

The hedge plants were the nicest I have seen for many years. I think they ought to make a splendid showing next spring.

From Arkansas.

The barberry plants came O. K. and were the best rooted plants for shrubs I have ever seen.

From Kentucky.

Shrubs came and are splendid plants. I was most agreeably surprised at the size for the money.



Sargent's Weeping Hemlock at Wodenethe



Rhododendron—Showiest of all Flowering Shrubs

Broad-Leaved Evergreens

No class of plants when well grown gives more satisfaction than the broad-leaved Evergreens. They are beautiful at all seasons of the year. Not only does this class include the most gorgeous flowering plants but the foliage in winter even exceeds its summer beauty, especially in the *Leucothoe* and *Mahonia* whose leaves take on the finest shades from bronze to intense scarlet. Our nursery is especially well supplied this year with both large and small sizes of *Leucothoe*, *Mahonia*, *Mountain Laurel* and *Rhododendron*. All of these plants are native to America; but Europeans, especially the English, have used these beautiful plants in far greater numbers than have the Americans, and it is only in recent years that Americans have begun to plant in quantity nursery grown plants of these varieties.

To supply the rapidly increasing demand, American nurserymen have been obliged to import *Rhododendron*. To procure the cheapest, the Holland stock has been imported, greatly to the detriment of the trade; for the Holland soil and climate, (while adapted to making salable plants in quickest time), are not adapted to making strong and hardy stock. The soil is so unlike that of our own that plants have succumbed the first season when transferred from Holland to America.

In addition to the nursery grown *Rhododendron* we annually ship carloads of the wild *Rhododendron maximum*. After several trips to Pennsylvania prospecting we found a locality where these native plants lift with a good ball of earth and a foreman, experienced in handling the plants has been shipping to our customers during the past twelve years. To any desiring one or more carloads, we would be pleased to refer to some of the best known men in New York who have bought of us.

We name herewith a few of these, some of whom have had several carloads and as far as we know they have been perfectly satisfied with the quality of the plants.

John D. Rockefeller, Tarrytown, N. Y.; John D. Archbold, Tarrytown, N. Y.; Mrs. George Lewis, Tarrytown, N. Y.; "The Castle", Tarrytown, N. Y.; Stuyvesant Fish, Garrison, N. Y.; George Secor, Ossining, N. Y.; H. R. Mallory, Port Chester, N. Y.; William A. Read, Purchase, N. Y.; Mrs. W. G. Oakman, Roslyn, N. Y.

It often happens that parties wish only one-half car, in which case we have usually been able to accommodate them by finding another

party in the same town or nearby town who could use the other half of the car.

Rhododendron Maximum. (Rosebay.) Nursery Grown.

	Each	10
18 to 24 in.	\$1.00	\$ 9.00
2 to 3 ft.	2.00	17.00
3 to 4 ft.	2.75	25.00

Collected Plants, well rooted, in car lots of 100 to 300 to a car. Assorted sizes if preferred.

	Each	10
2 to 3 ft.	\$.60	
3 to 4 ft. ....	.90	
4 to 5 ft.	1.25	

Catawbiense. Well-budded, bushy plants. Nursery grown.

	Each	10
1½ to 2 ft.	\$1.50	\$12.50
2 to 3 ft.	2.25	20.00
3 to 4 ft.	2.75	25.00

Hybrid Rhododendron. We offer all bushy and well budded, field grown plants from a celebrated English grower. These have been two to five years in our grounds. It is advisable that purchasers name a second choice or simply state the color they desire as some varieties may be sold out early.

	Each	10
Balled and Burlapped.		
18 to 24 in.	\$ 1.50	\$12.50
2 to 2½ ft.	2.00	17.50
2½ to 3 ft.	3.00	25.00
3 to 3½ ft.	4.50	40.00
3½ to 4 ft.	\$5.00 to 6.00	
4 to 4½ ft.	6.00 to 8.00	

Named varieties thoroughly tested for hardiness, will give perfect satisfaction.

Alba grandiflorum. Blush.

Album elegans. French white.

Atrosanguineum. Deep scarlet.

Caractacus. Fine purplish crimson; large truss.

C. S. Sargent. Brilliant red.

Chas. Bagley. Bright cherry red.

Charles Dickens. Red, shaded crimson.

Delicatissimum. Blush-white.

Everestianum. Rosv-lilac; large truss.

H. H. Hunnewell. Crimson.

Lady Armstrong. Rosv pink.

Mrs. Milner. Rich crimson.

Old Port. Plum color.

Roseum elegans. Rose color.

Parson's Gloriosa. Lilac.

President Lincoln. Rose.

Andromeda Floribunda. (Syn. *Pieris Floribunda*.) A dwarf plant with myrtle-like foliage, bearing in early spring in great profusion, pure white flowers resembling Lily of the Valley.

	Each	10
12 to 15 in.	\$1.25	\$10.00
15 to 18 in.	1.50	12.50

Azalea Amoena. Very dwarf evergreen with small leaves which turn to a lustrous coppery hue in winter. Especially attractive when clothed with a mass of cerise flowers in April or May. It is beautiful at all seasons. Desirable for edging walks and drives, in groups or bordering *Rhododendron* and *Kalmia*. Will grow well in either shady or sunny locations.

10 to 12 in.	\$1.00	\$ 7.50
12 to 18 in., 18 in. broad....	1.50	12.50
20 to 24 in., broad....	2.00	17.50

Azalea Hinode-girl. This new Japanese variety of *Azalea Indica* bears in great profusion, brilliant scarlet flowers in April and May; has larger leaves than *Amoena* and also grows in either shade or sun.

Balled and Burlapped.	Each	10
12 to 15 in. broad	\$1.50	\$12.50
15 to 18 in. broad	2.00	15.00
18 to 24 in. broad	2.50	

Kalmia latifolia. (Mountain Laurel.) Nursery grown. Balled and Burlapped.

12 to 15 in.	\$.50	\$ 4.00
15 to 18 in.	1.00	7.50
18 to 24 in.	1.50	12.50
2 to 2½ ft.	1.75 to 2.00	
2½ to 3 ft.	2.50 to 3.00	
3 to 4 ft.	3.50 to 5.00	

Leucothoe Catesbaei. (Drooping Andromeda.) Most beautiful dwarf shrub for either shade or sun; the long feathery leaves take on a beautiful bronze in autumn and winter. Beautiful for Christmas decoration; dainty racemes of white or pink bell-shaped flowers cover drooping stems in early spring. Prices are very low for bushy plants grown three years in our nursery.



MOUNTAIN LAUREL



Berberis (Mahonia) aquifolium

Leucothoe, continued—	Each	10
12 to 18 in.	\$.50	\$ 4.50
18 to 24 in. ....	.75	7.00
2 to 3 ft.	1.25	10.00

B. Mahonia aquifolium. (Holly-leaved Mahonia.) Beautiful at all seasons of the year; in winter the prickly, shiny, purplish leaves turn to the finest bronze and crimson. In spring the whole picture changes—the polished leaves are green again and the bushes are fuller of bee music than any other plant then in bloom. Grows 4 to 5 feet high. Take it all in all, we consider the *Mahonia* one of the most valuable of all shrubs, deciduous or evergreen, since it does as well in sun as in the shade. It is perfectly hardy, a most rapid grower, with very attractive yellow flowers in the spring and succeeded by purplish berries in autumn. While it is evergreen, it has what is even better, a most superb brown, rich tone, mingled with the most gorgeous scarlet and crimson, and leaves covered with a brilliant luster-like varnish. It is much improved by keeping it back by occasional clipping, as it sometimes has a tendency to straggle.

Berberis (Mahonia) aquifolia—

12 to 15 in.	\$15 per 100	.25	\$2.00
15 to 18 in.	25 per 100	.35	3.00
18 to 24 in.	35 per 100	.50	4.00
2 to 2½ ft.	50 per 100	.75	6.00
2½ to 3 ft.	75 per 100	1.00	8.50

Boxwood Trees. Pyramidal Shape— Each

30 to 36 in. high; 15 in. diam. at base	\$3.00
36 to 42 in. high; 15 to 18 in. diam. at base	3.50
42 to 48 in. high; 18 to 24 in. diam. at base	4.00
48 to 50 in. high; 2 to 3 ft. diam. at base	5.00
54 to 60 in. high; 3 ft. diam. at base	6.00

Box Edging— Per 100 Per 1,000

4 to 6 in.	\$ 7.00	\$60.00
6 to 8 in.	10.00	

Bushes—Untrimmed. Each

12 to 18 in.	\$.50	\$ 4.00
18 to 24 in.	1.00	9.00
2 ft.	1.50	12.50

Box Handsworthil—

12 to 18 in.	\$.45	\$4.00
18 to 24 in. ....	.75	7.00

From Maine

"I wish it were possible for me to describe to you the interest and admiration that our three year old *Mahonia* hedge has aroused from friends and passers-by. From our secluded porch we have some days counted as many as twenty who have exclaimed at its beauty, strangers sometimes coming up to ask the name of the hedge, also of the nurseryman."

Very truly yours,

Mrs. Jas. W. DeGraff.

Hedges

Hedges are becoming more popular and justly so, for they combine beauty and usefulness; moreover, the cost is less than for a substantial fence. They need very little care, aside from the annual trimmings and occasional weeding in their early stages. The evergreen hedge is attractive at all periods, which gives it one advantage over those that drop their foliage in autumn. There is such variety in hedge plants that one may be found suitable for almost any location, whether in shade or sun, moist or dry; for low or high effect. As screens and windbreaks, there is nothing better than the evergreen hedge.

Deciduous hedges are generally less expensive, although the cost varies little from that of the faster growing evergreens. If carefully pruned in their early stages, hedges will become more dense at the ground and make a thick barrier. In the haste to have a hedge of the desired height, there is a tendency to set too large plants and to let them go without pruning, after which it is difficult to bring the hedge into its most beautiful form.

Trimmed Hedges. White and Norway Spruce, Arborvitae, and Privet make cheap tall growing hedges for shelter or screen.

Hedges for Ornament.

Many of the flowering shrubs are ideal hedge plants, notably Altheas, Berberis Thunbergii, Mahonia, Rosa Rugosa, Deutzia Gracilis and Lemnora, Hydrangea, Privet, Spireas and Viburnums. The Mahonia, the only evergreen flowering shrub among the number is for this reason, and for the fact that it will grow well in sun or shade, a dwarf ornamental hedge plant par excellence. (See description under Evergreen Shrubs, page 12.)

The Hemlock Spruce is undoubtedly the best coniferous hedge plant, perfectly hardy, bears

the shears well, and keeps its rich green color all winter. No matter how severely it is trimmed, its new growth is feathery and graceful. Like the Mahonia, it will succeed in partial shade where other conifers would fail.

Next in rank we would place the Arborvitae as an ornamental, evergreen hedge plant. For a very tall, ornamental hedge, the Norway and White Spruces are especially useful. Box plants, for edging plant beds, are in a class by themselves, and are much used for this purpose.

An evergreen hedge should be pruned just before the new growth begins the last of May, never cutting back farther than the previous year's growth. Should the growth of the Arborvitae be too rapid, it should be pruned again in the summer.

For Shelter and Screen. For protection from violent winds or concealing unsightly objects, we recommend American Arborvitae and Norway Spruce. Both are perfectly hardy, robust and of rapid, dense growth and may be pruned into good shape. The European Beech and Hornbeam are also useful for screens, together with some of the taller-growing shrubs, like the Privet and Spirea opulifolia, where only summer and autumn effect is desired.

Directions for Setting and Care. We will cheerfully furnish our customers with directions as to number of plants, size and care, both in planting and pruning.



Hemlock Hedge planted by us on the Henry Villard Plot, Sleepy Hollow Cemetery, Tarrytown



Thuja—Hedge of Arborvitae

A well trained Evergreen Hedge is one of the most interesting features about many large estates.

Large Shrubs and Trees

We are this year offering an especially fine lot of shade and flowering trees and shrubs in various sizes, including some large ones. The fact that these trees have been several times transplanted makes them much more valuable than the prices named in our catalogue. When you buy Rosedale trees you may be sure that they will grow. The above illustration shows a young tree that had been transplanted but once. As is usual in digging, nearly all the roots were cut off at the proper distance. One root was left to show how the fibrous roots are far away from a tree that has been but once transplanted. If you have been in the habit of buying trees with roots like this and waited two or three years for them to make a new root and lost a good percentage of them in the meantime, try some of our oft-transplanted trees and you will say that they are well worth the difference in price. Even our cheapest trees, like the catalpa, ash, poplars and birches are provided with plenty of good roots to insure their growth from the start. We would call special attention to our extra size of the following trees, viz:

Maple, Norway, 16-20 ft.....	\$5.00 to \$10.00
" Schwedler's, 12-18 ft.....	2.50 to 6.00
" Sugar or Rock, 16-25 ft....	3.00 to 15.00
Catalpa Bungei, 4-6 yr. heads....	3.00 to 5.00
" Speciosa, 15-18 ft.....	3.00 to 4.50



Photo engraving of the roots of a tree, one of which was left intact to show how far away the fibrous or feeding roots get if a tree is not transplanted a sufficient number of times. If you have been buying such trees, try Rosedale Trees, which are frequently transplanted.

White Fringe, 8-10 ft.....	1.50	
Larch, Japanese, 10-15 ft.....	2.00 to	5.00
Poplar, Carolina, 20-25 ft.....	4.00	
Pin Oak, 12-20 ft.....	3.00 to	7.00
Weeping Linden, 15-18 ft.....	5.00 to	7.00

Large Shrubs for Immediate Effect

We would call attention to our especially fine lot in large sizes of the shrubs mentioned below. They have been frequently transplanted and have roots in proportion to the tops so that they are sure to do well.

Aralia
Corylus, (Purple Filbert)
Forsythia
Hydrangea
Ligustrum (Privet, California)
Ligustrum (Privet, Ibota)
Lonicera, (Honeysuckle)
Philadelphus, (Syringa)
Rhodotypus
Sambucus, (Elder) cut-leaved
Sambucus, golden-leaved
Spirea, Anthony Waterer
" Opulifolia aurea
" Thunbergii
" Van Houtte
Syringa, (Lilac)
Viburnum Dentatum molle
" Lantana
" Opulus
" Tomentosum
" Plicatum



Photo engraving of the roots of one of our Norway Maples.

Notice the masses of fibrous roots resulting from frequent transplanting. What a contrast with the root shown in the photo engraving above! Such roots not only insure the life but also the immediate growth when transplanted to your ground.

The Season for Planting Trees

We shall be pleased to advise as to the best time of planting the particular varieties of trees and shrubs our customers may order. As their success is ours, we take special pains to ship the stock ordered at the best time for planting in a given locality. A few varieties should be planted in autumn only, and a few varieties in spring only; but many varieties may be planted in either spring or autumn, if done at the right time. Some varieties start so early in spring that they are liable to suffer from late planting; e. g., Maples and Roses. Evergreens should be planted later than Deciduous Trees in spring and much earlier in autumn.

We will ship orders at the proper time if received early. Early orders, of course, take precedence over late ones. We turn away orders every year that come too late to be safely handled.

Deciduous Trees

Under this head we include not only the finest shade trees but many of those beautiful flowering trees and trees of special color which, if properly located, give variety and beauty to the landscape. The differences in height and caliper of trees as given in the list, do not indicate fully to those not familiar with trees, the real differences in size. The real sizes are in proportion to the square of the caliper or diameter; therefore, a four inch tree is four times as large as a two inch tree although it may be only a little taller. The root and top would also have a correspondingly greater spread.

There is no department of our work in which we take more pride than this. We offer a magnificent stock of all the leading varieties in several sizes, including many specimen trees. A visit to our grounds will well repay intending purchasers.

We have successfully filled some large orders—one an order for 6,000 evergreens, another for 10,200, and another for seven car-loads which included a great variety of both deciduous and evergreen. As such orders are not placed at random, it goes without saying that our stock is unexcelled. This means that it has been transplanted a sufficient number of times to produce good roots and has been given proper care in pruning and cultivation to produce proper form and size.

Time for Planting Deciduous Trees

Most of the deciduous trees may be planted in autumn as well as spring, except where the climate is very severe, but the following list should be planted in the spring only: Birch, Beech, Peaches, Cherries, Hornbeam, Japan Maples, Magnolias, Nut Trees, Judas Tree, Larch, Sweet Gum, Oaks.

Acer - Maple

There is no part of the landscape so neglected as the selection of trees. From fifty varieties of Maples often not more than five varieties are to be found on a large estate. There are four magnificent varieties of Norway Maples alone; three of the Sycamore Maple; six of the Jap-



Norway Maple

anese Maple, to say nothing of Wier's Cut-leaved, Sugar, Scarlet, and other well-known varieties. Prices will vary according to size and kinds.

Grand stock; prices low; sizes up to 20 feet.

Acer dasycarpum. White, or Silver Maple. Not only the largest, but most rapid-growing Maple. Moderate trimming the first few years will give it fine shape.

	Each	10
10 to 12 ft.	\$1.25	\$10.00
12 to 15 ft.	1.50	12.50
15 to 18 ft.	2.50	22.50

A. d. Wierii. Wier's Cut-Leaved Silver Maple. One of the best Maples in cultivation. Rapidity of growth, graceful and airy form, and abundant silvery foliage.

10 to 12 ft.	\$1.50	\$10.00
12 to 14 ft.	2.25	20.00
14 to 16 ft.	3.00	27.50

A. platanoides. Norway Maple. On account of its stout, vigorous growth, rounded and symmetrical form, and deep green, shining foliage—which remains on late in autumn—this tree has become very popular for street and lawn planting. Large stock, low prices. 100 rates on application.

6 to 8 ft.	\$.60	\$ 5.00
8 to 10 ft., 1 to 1½ in. cal.	1.00	8.50
1½ to 1¾ in. cal., 8-10 ft.	1.50	12.50
1¾ to 2 in. cal., 10 to 12 ft.	1.75	15.00
2 to 2½ in. cal., 12-14 ft.	2.00	17.50
2½ to 3 in. cal., 14-16 ft.	2.50	20.00
3 to 5 in. cal., 16-20 ft., \$5.00 to 10.00	3.50	27.50

A. p. Reitenbachii. Reitenbach's Norway Maple. An excellent medium-sized variety, valued for its highly colored foliage in summer and autumn.

10 to 12 ft.	\$2.00	\$17.50
12 to 15 ft.	\$2.50 to 3.50	

A. p. Schwedleri. Purple Norway Maple. Young shoots and leaves of a bright crimson color, changing to purplish green in the older leaves.

8 to 10 ft.	\$1.50	\$12.50
10 to 12 ft.	2.00	17.50
12 to 18 ft.	\$2.50 to 6.00	

A. P. Worlei. Worle's Golden-leaved Sycamore Maple. Foliage golden yellow in spring. The young growth continues brilliant throughout the summer; very effective planted with Schwedler's variety.

3 to 4 ft.	\$1.50	\$12.50
8 to 10 ft.	2.00	17.50

A. saccharum. Sugar, or Rock Maple. Although a little slower in growth than most large Maples, its compact and stately growth, high color in autumn, and resistance to strongest winds render this second to none as a street tree.

8 to 10 ft., 1 to 1½ in.	\$ 1.25	\$ 9.00
10 to 12 ft., 1½ to 1¾ in.	1.50	12.00
12 to 14 ft., 1¾ to 2 in.	2.00	15.00
14 to 16 ft., 2 in. to 2½ in.	2.50	20.00
16 to 25 ft., 2 in. and up, \$3 to 15.00		

A. negundo. Ash-leaved Maple. See Negundo, page 20.

Japanese Maples

Like most other plants introduced from Japan, these have become very popular. The demand is so great that prices are nearly double those of other Maples. Attaining small size (6 to 15 feet in height), beautiful form and foliage, which is often very highly colored, they are graceful, either singly or in groups.

Acer Polymorphum. This is the parent form of many Japanese Maples in cultivation. Leaves green and feathery, changing to dark crimson in autumn.

2 to 3 ft.	\$1.25	\$10.00
3 to 4 ft.	2.00	17.50
4 to 5 ft.	2.50	

A. p. atropurpureum. Dark Purple-leaved Japan Maple. Foliage dark purple, deeply cut; one of the very best small trees in cultivation.

2 to 2½ ft.	\$ 2.00	\$17.50
2½ to 3 ft.	2.50	22.50
3 to 4 ft.	3.00	
4 to 7 ft.	\$4.50 to 10.00	

A. p. dissectum atropurpureum. Cut-leaved Purple Japan Maple. Very dwarf. Leaves beautiful rose-color when young; change to a deep and constant purple. Drooping, delicate and deeply cut foliage gives it an elegant fern-like appearance.

18 to 24 in.	\$ 1.50	
2 to 3 ft.	2.00	
3 to 4 ft.	3.00	
4 to 7 ft.	\$3.00 to 10.00	

A. P. sanguineum. Blood-leaved Japan Maple. Reddish crimson in June; foliage five lobed and serrated.

2 to 3 ft.	\$2.50	
3 to 4 ft.	\$3.00 to 3.50	

Aesculus - Horse-Chestnut

The great beauty of the Horse-Chestnut is its wealth of bloom. The huge clusters of gay blossoms give the whole tree the effect of a monstrous flowering shrub; admirably suited for avenues. They hold their foliage in a moist situation longer than usual. We have selected three of the best varieties.

Aesculus Hippocastanum. Common white. This well-known species forms a large tree, regular in outline, very hardy and free of disease.

6 to 8 ft.	\$1.00	\$ 8.00
8 to 10 ft.	1.50	12.50
10 to 12 ft.	2.25	20.00



Japanese Maple at Helen Gould Shepard Estate, Tarrytown, N. Y.

A. H. alba fl. pl. Double White-flowering Horse-chestnut. A superb variety with double flowers in panicles larger than those of the preceding. The one objection to the preceding variety is obviated in this one, as it is devoid of fruit.

7 to 8 ft.	\$2.00	\$17.50
8 to 10 ft.	2.50	22.50

A. rubicunda. Red-flowering Horse-chestnut. Flowers showy red; a very beautiful ornamental tree, which contrasts well with the white, the leaves of a deeper green.

5 to 6 ft.	\$1.50	\$12.50
6 to 8 ft.	1.75	15.00
8 to 10 ft.	2.00	17.50

Ailanthus - Tree of Heaven

Ailanthus glandulosa. One of the most rapid-growing trees, with long, feathery foliage; free from all disease and insects; useful for tropical effects and seashore planting; withstands smoke and gases of city street.

6 to 8 ft.	\$.50	
8 to 10 ft. ....	.75	
10 to 12 ft.	1.00	

Betula - Birch

Trees with bark usually separating into thin papery plates. Thirty-five species have been described in the northern regions. No tree grows farther north than the Birch. In North America, the Paper Birch reaches 60 degrees north latitude, and in Europe *Betula alba* goes to the North Cape and is still a forest tree at 70 degrees. All the species described below are very ornamental for lawns or parks. Their picturesque trunks and graceful habit make them conspicuous features in the landscape.

Betula alba. Rapid in growth and highly graceful in form; its drooping branches and white bark render the tree very attractive in the landscape.

8 to 10 ft.	\$1.25	\$10.00
10 to 12 ft.	1.75	15.00
12 to 14 ft.	2.25	20.00

B. fastigiata. Pyramidal Birch. Bark silvery white, elegant pyramidal habit like the Lombardy poplar. See cut.

6 to 8 ft.	\$1.50	\$12.50
8 to 10 ft.	2.00	17.50
10 to 12 ft.	3.00	27.50
12 to 15 ft.	\$3.50 to 5.00	

B. pendula laciniata. Cut-leaved Weeping Birch. Unique and highly ornamental, not only on

account of the silvery white bark, but also for the pleasing lightness and airiness of its foliage. It is this variety which Coleridge pronounces "the most beautiful of all forest trees—the Lady of the Woods."

	Each	
6 to 8 ft.	\$1.25	
8 to 10 ft.	1.50	
10 to 12 ft.	2.00	

B. p. Youngii. Young's Weeping Birch. Very odd with contorted branches, never two trees alike. \$1.00 to \$5.00 each.

B. papyracea. Paper, or Canoe Birch. This is the native Birch used by the Indians in the construction of their canoes. In many respects this is the best of white-barked Birches. Bark is pure white, leaves large, growth rapid. Transplanted 1915.

	Each	10
8 to 10 ft. ...	\$1.50	\$12.50
10 to 12 ft. ...	1.75	15.00
12 to 14 ft. ...	2.50	22.50

Carpinus - Hornbeam

Carpinus betula. European Hornbeam. Strong compact grower. Withstands shearing well. Good for formal work in hedges. Grows well in the shade and may be used as an undergrowth. 4-5 ft., 25c. to 50c. each; 5-6 ft., 75c. to \$1.25.

Catalpa

Catalpa Bungei. Chinese or Umbrella Catalpa. Top-grafted or standard is very attractive. especially for formal planting, head attaining a diameter of 8 to 10 feet.

	Each	10
2-yr. heads	\$1.50	\$12.50
3-yr. Very fine trees.....	2.00	17.50
4-yr. to 6-yr.....	\$3.00 to 5.00	

C. speciosa. Western Catalpa. Especially ornamental when laden with its panicles of white flowers in June. Its large leaves, quick-growing habit, ability to thrive in dry or moist soils, render it very desirable for lawn and street planting or forestry.

	Each	10
8 to 10 ft.	\$1.00	\$ 7.50
10 to 12 ft.	1.50	12.50
12 to 18 ft. 2½ to 4 in.	\$2.50 to 4.50	

Cercis - Red Bud

Cercis Canadensis. This is valuable as an ornamental tree, no less on account of its exceedingly neat foliage, which is exactly heart-shaped and of a pleasant green tint, than for its pretty pink blossoms. It is one of the most ornamental trees, and a fine effect is produced by planting it with the Magnolias and Dogwoods. 4-5 ft., 50c.; 5-8 ft., 75c. to \$1.25.

C. Japonica. Japan Judas Tree. This is especially desirable in certain places because of its smaller size. Flowers literally cover

the branches before the leaves appear, and their rich, reddish purple flowers are unique. Foliage is very beautiful. 2-3 ft., 50c.; 3-4 ft., very heavy, \$1.00; 4-5 ft., \$1.50.



Lombardy Poplar

Pyramidal Birch

Added to the formal effect the white bark of the Birch makes it very attractive.

Chionanthus - White Fringe

Chionanthus Virginica. No small tree surpasses this in flowers or foliage. Blossoms in May. Its blue fruit makes it also attractive in autumn.

	Each	10
5 to 6 ft.	\$.75	\$6.00
6 to 8 ft.	1.00	9.00
8 to 10 ft.	1.50	

Cladrastis - Virgilia

Cladrastis tinctoria. Yellow-wood. Each leaf is composed of seven or eight leaflets, 3 or 4 inches long, the whole leaf being more than a foot in length. These are followed by numerous clusters of charming and pea-shaped blossoms, pure white. These clusters are 6 to 8 inches in length. The tree grows very rapidly and is very agreeable in form and foliage, even when young.

	Each
10 to 12 ft.	\$3.00
12 to 16 ft.	5.00



Chionanthus Virginica

We give the greatest care to keep our stock entirely free from insects and diseases, and send with each shipment a certificate of inspection given by the state authorities which testifies to the freedom from disease of Rosedale products.

Cornus - Dogwood

Cornus florida. White Dogwood. Grows from 20 to 30 feet in height. No medium-sized tree excels in beauty this native tree, whether viewed at the time of its beautiful bloom in early spring, its massive glossy green foliage in summer, or its gorgeous coloring of fruit and foliage in autumn. The whole tree assumes a deep lake red. The flowers, which appear as those of Magnolias are falling, maintain a succession of bloom about two weeks. In autumn coloring, it is unrivaled except by the Scarlet Oak.

	Each	10
2 to 3 ft.	\$.40	\$ 3.00
3 to 4 ft. ....	.75	6.00
4 to 5 ft.	1.25	10.00
5 to 6 ft.	1.50	12.50
6 to 8 ft.	2.00	17.50
8 to 10 ft., heavy	3.00	
10 to 12 ft., heavy	4.00	
12 to 15 ft., heavy	5.00	

C. f. rubra. Pink-flowering Dogwood. This variety is one of the finest flowering trees, resembling in all but the color of the flowers the preceding variety. It blooms when quite young. Many of the trees bloom in the nursery.

	Each	10
3 to 4 ft.	\$ 1.75	\$15.00
4 to 5 ft.	2.25	20.00



Pink-Flowering Dogwood

5 to 6 ft.	\$2.50 to 3.50
6 to 8 ft.	3.50 to 5.00
8 to 10 ft.	5.00 to 10.00
10 to 12 ft.	12.00 to 15.00
C. f. pendula. Weeping Dogwood. Unique dwarf form, bearing white flowers.	
3 to 4 ft.	\$2.50
4 to 5 ft.	3.25
5 to 6 ft.	4.00
C. f. flore plena. Double-flowering Dogwood. This is a new form of <i>Cornus florida</i> found several years ago in the mountains of North Carolina which has been shown to be as hardy as the type. When full grown, it attains a height of 15 to 20 feet and is unusually symmetrical; the branches having an almost perfect globe of flowers and foliage. The foliage is similar to that of the other varieties, taking on the most beautiful scarlet and crimson color in autumn. Flowers are pure white with a double center and larger than those of the old variety. 3 to 4 ft., \$2.50 each; 5 to 6 ft., \$4.00; 6 to 8 ft., \$5.00.	

Crataegus - Thorn

The Thorns, comprising many varieties, are classed among the most beautiful flowering trees of low growth. In front of evergreens their flowers and foliage are shown to the highest advantage, and in autumn their fruit is highly effective. Their sweet-scented flowers appear in great profusion in May and June.

C. O. coccinea fl. pl. Pauli. Paul's Double Scarlet Thorn. Flowers light red. Best of its color.

	Each	10
6 to 8 ft.	\$1.00	\$8.00
10 to 12 ft.	3.00	

Fagus - Beech

For specimen trees on the lawn, no tree surpasses the Beech. They are beautiful from the first, but in a few years they are superb. Where room is given for a large tree to develop, the common American Beech gives a magnificent specimen. It has smooth, gray bark and shining, oval leaves, making it beautiful in summer, and in winter the smooth gray bark makes it distinctive among trees.

Fagus ferruginea. American Beech.

	Each	10
3 to 4 ft.	\$1.00	\$ 7.50
4 to 5 ft.	1.50	12.50
5 to 6 ft.	2.00	17.50
6 to 8 ft.	\$2.50 to 3.00	
8 to 10 ft.	3.00 to 4.00	

F. sylvatica. European Beech. Foliage denser and darker green than that of the American variety. The dead leaves hang on all winter, thus rendering it excellent for screens and hedges. Is also beautiful as an individual specimen.

	Each	10
4 to 5 ft.	\$1.00	\$ 7.50
5 to 6 ft.	1.25	10.00
6 to 7 ft.	1.50	12.00
7 to 8 ft.	2.00	15.00
8 to 10 ft.	\$3.00 to 4.00	

F. incisa. Cut-leaved Beech. This beautiful, free-growing tree is similar to the fern-leaved variety, but with deeper cut foliage. 4-5 ft., \$3.00; 5-6 ft., \$5.00; 6-8 ft., \$6.00.

F. s. heterophylla. Fern-leaved Beech. A small tree, with fern-like foliage. Its young shoot-like tendrils give it a graceful aspect. Prices same as for *Incisa* above.

F. s. pendula. Weeping Beech. A grotesque, large-growing tree. Should be on every large lawn. Our superb trees transplanted several times, are sure to grow. Large stock, low prices.

	Each	10
6 to 8 ft.	\$ 3.00	
8 to 10 ft.	4.00	
10 to 12 ft.	5.00	
12 to 18 ft.	\$7.00 to 10.00	

F. s. purpurea Riversii. The finest of all purple-leaved trees.

	Each	10
5 to 6 ft.	\$2.50	
6 to 8 ft.	3.00	
8 to 10 ft.	4.00	



Fern-leaved Beech on Norman estate,
Newport, R. I.

Fraxinus - Ash

Owing to the very rapid growth of the Ash, it is much used as a street tree. Being produced by the nurserymen very quickly, they are, therefore, inexpensive. They are often used for culture trees in landscape work and removed after more slow-growing trees have attained some size. It is also a valuable tree in forestry, as the wood is excellent for many purposes; thrives in moist ground.

Fraxinus alba. American White Ash. A native, quick growing tree, valuable for timber, shade or street planting. 8 to 10 ft., \$1.00 each, \$8.00 for 10; 10 to 12 ft., \$1.50, \$12.00 per 10.

F. excelsior. European Ash. Taller and more rounded than the American; distinguished by its black buds. It is a very rapid grower.

	Each	10
6 to 8 ft.	\$.50	\$ 4.00
8 to 10 ft. ....	.75	6.00
10 to 12 ft.	1.00	8.00
12 to 14 ft.	1.50	10.00

Juglans - Walnut

Juglans cinerea. Butternut. A tree growing to 50 feet or more; spreading head and large, compound leaf. Grows rapidly when well established. 50c.

J. nigra. Black Walnut. This tree grows more upright with round head; darker bark with similar compound, beautiful foliage. Planted alone on deep soil, it becomes a majestic tree, its low branches sweeping the ground in a graceful curve. 4 to 5 ft., 50c.; 5 to 7 ft., 75c.

J. regia. English Walnut, or Madeira Nut. A native of Persia. Hardy as far north as the Great Lakes; develops into a beautiful specimen tree; bears fruit as far north as Newburgh, where a specimen eighteen to twenty years old reached a height of 35 feet and bears two or three bushels of very fine nuts annually.

	Each	10
7 to 8 ft.	\$2.50	\$22.50
8 to 10 ft.	3.00	25.00

Japanese Walnut—

6 to 8 ft.	\$1.50
-----------------	--------

Koelreuteria

Koelreuteria paniculata. A hardy, small, round-headed tree from China. Its large yellow flowers in July, when nearly all other trees are out of bloom, make it especially desirable.

	Each	10
6 to 7 ft.	\$1.00	\$ 8.00
7 to 8 ft.	1.50	12.00
8 to 10 ft.	2.00	
10 to 12 ft.	3.00	

Larix-Larch

Larix Europaea. European Larch. One of the most attractive lawn trees in spring because of its early deep green foliage, followed by purple cones.

4 to 5 ft.	\$.50	\$4.00
5 to 6 ft. ....	.75	6.00

L. leptolepis. Japan Larch. A hardy and desirable tree, valuable as a lawn specimen; foliage light green, changing to a light golden yellow in the fall.

3 to 4 ft.	\$.50	\$4.00
4 to 6 ft. ....	.75	6.00
6 to 8 ft.	1.00	
8 to 10 ft.	1.50	
10 to 15 ft.	\$2.00 to 5.00	

Liquidambar

Liquidambar styraciflua. Sweet Gum. One of the finest American trees. Form symmetrical; beautiful in foliage, and especially attractive in autumn when it is decked in colors almost too bright and vivid for foliage. The prevailing tint is a deep purplish red, sometimes varied by a shade deeper or lighter, and occasionally an orange tint is assumed. Planted near other trees remarkable for their autumnal coloring, the effect is almost magical. It grows well in moist and even wet situation, although it will accommodate itself to a drier soil.

	Each
6 to 8 ft.	\$1.25
8 to 10 ft.	\$1.50 to 2.50
10 to 12 ft.	3.00 to 4.50

Liriodendron-Tulip Tree

Liriodendron tulipifera. Tulip Tree, or Button-wood. A native tree of very rapid growth and pyramidal habit; foliage light green and glossy; bark smooth; branches spreading; closely allied to the Magnolias, and therefore difficult to transplant in large sizes. Flowers are shaped like large tulips, and are composed of yellow petals mottled on the inner surface with red and green; very showy.

	Each	10
5 to 6 ft.	\$.75	\$6.00
6 to 8 ft.	1.00	8.00
8 to 10 ft.	\$1.50 to 2.00	

Magnolia

No group of flowering trees is more magnificent or showy than the Magnolias. The American species attracted the attention of the first botanists who came over to examine the riches of our native flora, and were transplanted to the gardens of England and France more than a hundred years ago, where they are still valued as the finest trees of that hemisphere. To Americans, however, the Chinese Magnolias appeal more strongly for landscape work because of their smaller size and more abundant yield of fragrant flowers. Planted with evergreens in the background to heighten the contrast, or in groups, their effect in the early spring baffles description. Magnolias may be planted with success only in the spring, at which time the tops should be severely pruned.

American Magnolias

Magnolia acuminata. Cucumber Tree. This beautiful pyramidal tree derives its common name from the appearance of the long fruit. In the rich, moist valleys of the Alleghenies it often reaches a height of 80 feet and a diameter of 3 feet. The flowers are 6 inches in diameter, pale yellow, much like those of the Tulip Tree.

	Each	10
5 to 6 ft.	\$1.00	\$ 7.50
6 to 8 ft.	1.50	12.50

M. tripetala. Umbrella Tree. This a medium-sized tree having the leaves on the terminal shoots arranged three or four in a tuft, which gives rise to the name of Umbrella Tree. These leaves are 18 inches to 2 feet long, 7 to 8 inches broad. Flowers are large, white and very numerous. These are followed by conical, rose-colored fruit.

	Each	10
5 to 6 ft.	\$1.00	\$ 8.00
6 to 8 ft.	1.50	12.50

Chinese Magnolias

Balled and Burlapped.

Magnolia conspicua. Yulan. Flowers large pure white, and very fragrant.

3 to 4 ft.	\$3.00
4 to 5 ft.	4.00

M. Lennel. Lenne's Magnolia. This remarkable tree blooms in May and often again in summer. The flowers are purplish rose without and pearly white within.

	Each
5 to 6 ft.	\$3.00
6 to 8 ft.	5.00

M. Soulangeana. In habit resembling Conspicua; shrubby and branching when young, but becoming a fair-sized tree. Flowers white and pink, 3 to 5 inches in diameter. Blooms later than Conspicua.

3 to 4 ft.	\$2.50
4 to 5 ft.	3.50
5 to 8 ft.	\$4.00 to 7.00

M. speciosa. Showy-flowered Magnolia. Blooms a week later than Soulangeana and flowers remain upon the tree longer than those of any other variety.

3 to 4 ft.	\$2.50
4 to 5 ft.	3.50
5 to 6 ft.	4.00

M. stellata. Hall's Japan Magnolia. This is a very dwarf grower and blooms in April. Its double white fragrant flowers make it one of the most desirable.

2 to 2½ ft.	\$2.50
2½ to 3 ft.	3.00

Morus - Mulberry

Morus Tartarica pendula. Tea's Weeping Russian Mulberry. The finest umbrella-shaped tree, its slender branches droop to the ground.

	Each
1-yr. head	\$1.50
2-yr. head	2.00
3-yr. head	3.00

Negundo - Maple

Negundo fraxinifolium. Ash-leaved Maple. A native tree with Ash-like foliage and seeds like the Maples; of very rapid growth, hardy and irregular habit. It is greatly improved by close pruning. 8-10 ft., 75c.; 10-12 ft., \$1.25.

Persica - Peach

The double-flowering Peaches are among the choicest flowering trees, literally covering many of the branches in May with large, double flowers. They will bloom the second year.

Persica vulgaris alba plena. Double, white, 50c.

P. v. rosea plena. Double, rose, 50c.

P. v. sanguinea plena. Double, red; superb, 50c.

Platanus - Plane Tree

Platanus occidentalis. American Plane; Sycamore or Buttonwood. This native tree is not generally found in masses, but scattered over the whole country, more often in low, alluvial soils. It is very conspicuous for its shaggy bark, which gives it a distinct appearance in its trunk and most of its branches. Its great merit is its rapid growth (where in good soil it reaches a height of 130 or 140 feet) and ease of transplanting.

	Each	10
8 to 10 ft.	\$1.25	\$10.00
10 to 12 ft.	1.50	12.50
12 to 14 ft., heavy	2.00	17.50

P. orientalis. Oriental Plane. Rapid-growing tree of the very largest size. No tree was in greater esteem with the ancients. We are told that the academic groves, the neighborhood of the public schools, and all those favorite haunts where the Grecian philosophers were accustomed to resort, were planted with these trees; and beneath their shade Aristotle, Plato and Socrates delivered the choicest wisdom and eloquence of those classic days. The great merit of the Plane Tree is its extreme vigor and luxuriance of growth and ease of transplanting. In a good soil it will readily reach a height of 35 to 40 feet in ten years.

	Each	10
6 to 8 ft.	\$.75	\$ 6.00
8 to 10 ft.	1.00	9.00
10 to 12 ft.	1.50	12.50
12 to 14 ft.	2.00	17.50
2 to 2½ in. cal.	2.50	22.50
2½ to 3 in. cal.	3.50	

Populus - Poplar

Some of the American Poplars, as the Balsam and Gilead Poplars have their buds enveloped in a fragrant gum; the Lombardy Poplar "shoots up its spire and shakes its leaves in the sun". It is remarkable for its conical and spire-like manner of growth. The Lombardy Poplar is a beautiful tree and in certain situations produces a very elegant effect. It may be employed with singular advantage in giving life and variety to a scene composed entirely of round-headed trees. It may, also, by its striking and marked contrast to other trees, be employed to fix the attention to some particular point in the landscape.

Populus alba. Abele, or Silver Poplar. More wide-spreading than any of the other Poplars. Leaves glossy dark green above and pure white beneath.

	Each	10
6 to 8 ft.	\$.50	\$4.00
8 to 10 ft. ....	.75	6.00

P. alba Bolleana. A very compact grower, resembling in form the Lombardy, with leaves glossy green above and silvery beneath.

	Each	10
6 to 8 ft.	\$.50	\$ 4.00
8 to 10 ft. ....	.75	6.00
10 to 12 ft., heavy, tr. 1915..	1.25	8.00
12 to 14 ft., heavy, tr. 1915..	1.50	12.50

P. molonifera. Carolina Poplar. One of the best for street planting, and for screens. Very rapid growth.

	Each	10
8 to 10 ft.	\$.50	\$4.00
10 to 12 ft. ....	.75	6.00
12 to 15 ft.	1.00	8.00
15 to 20 ft., very heavy, \$2 to 3.00		

P. fastigiata. Lombardy Poplar. Majestic in form and size, attaining a height of 150 feet. A remarkably erect, rapid grower. Our trees have branches nearly to the ground and are therefore well suited for screens. (See cut page 17.)

6 to 8 ft. ..	\$20 per 100	\$.35	\$ 2.50
8 to 10 ft. ..	35 per 100	.75	5.00
10 to 12 ft.		1.25	7.50
12 to 14 ft.		1.75	12.50
14 to 25 ft.	\$2.50 to 10.00		

Pyrus - Crab

Pyrus angustifolia. Bechtel's Double-flowering Crab. Tree of medium size, blooms young. The double flowers are sometimes mistaken for pink roses. Their fragrance tends to increase the delusion.

	Each	10
3 to 4 ft.	\$.75	\$ 6.00
4 to 5 ft.	1.00	7.50
5 to 6 ft.	1.50	12.50

P. Malus Parkmanni. One of the most beautiful recent introductions from Japan. Flowers very double, dark rose, dangling gracefully on slender stems, retaining their color until they drop. 3-4 ft., \$1.00; 4-5 ft., \$1.50.

P. M. spectabilis alba fl. pl. Chinese Double White-flowers nearly 2 inches in diameter, in May. 3-4 ft., 75c.

P. M. s. rosa fl. pl. Has double rose-colored, fragrant flowers nearly 2 inches in diameter, in May. 3-4 ft., \$1.00.

Quercus - Oak

As an ornamental object, no deciduous tree exceeds the Oak, being grand, majestic and picturesque. Though beautiful when young, it is not until it has attained a suitable size that its true character is seen. Its huge branches, each a tree in size, spreading out horizontally from the trunk in great boldness, and its high top, stamp the Oak with a dignity beyond all its compeers. America is peculiarly rich in its variety of Oaks. Nearly fifty species have been enumerated. From the many species and varieties, we sell a few of the best. Let none hesitate to plant the sturdy tree because of its slow growth. It is grand even when young.

Quercus alba. White Oak. This is one of the most common of the American Oaks, very generally distributed over the United States and Canada as far south as the southern states. It is the most valuable of our timber Oaks.

	Each	10
5 to 6 ft.	\$2.00	\$17.00
6 to 8 ft.	2.50	22.00
8 to 10 ft.	3.00	

Q. coccinea. A noble tree of rapid growth, often 80 feet high. Native in the middle states. The great beauty of this tree is its deep scarlet tint in autumn, when it may be distinguished at a great distance from all other forest trees.

	Each	10
6 to 7 ft.	\$1.00	
7 to 8 ft.	1.50	
8 to 10 ft.	2.00	
10 to 12 ft.	2.50	
12 to 18 ft.	\$3.00 to 7.00	

Q. palustris. Pin Oak. Grows to a height of 60 to 80 feet, is hardy and grows rapidly upon moist soils.

	Each	10
5 to 6 ft.	\$1.00	\$ 7.50
6 to 8 ft.	1.25	10.00
8 to 10 ft.	1.75	15.00
10 to 12 ft.	2.50	20.00
12 to 20 ft.	\$3.00 to 7.00	

Q. Robur. English Oak. A well-known tree of spreading slow growth. 12-15 ft., \$2.50.

Q. R. concordia. Golden Oak. A superb variety which retains its color throughout the season. The best golden-leaved tree.

	Each.	10
5 to 6 ft.	\$1.75	
6 to 8 ft.	2.50	
8 to 10 ft.	3.00	
10 to 12 ft.	4.00	

Q. R. fastigiata. Evergreen Oak. A remarkable medium-sized tree of pyramidal habit, like the Lombardy Poplar. Foliage spotted with silver. Superb. 5-6 ft., \$1.00; 12-15 ft., \$5.00 to \$10.00 each.

Q. rubra. Red Oak. This is one of the best growers of the genus, not particular about the soil. Makes a splendid lawn or shade tree; also desirable as an avenue tree.

	Each	10
6 to 8 ft.	\$1.50	\$12.50
8 to 10 ft.	2.00	17.00
10 to 12 ft.	2.50	
12 to 14 ft.	3.00	

Robinia - Locust or Acacia

Robinia hispida. Rose, or Moss Locust. A native spreading, irregular tree, with long, elegant clusters of rose-colored flowers in May and at intervals all the season.

	Each.	10
3 to 4 ft.	\$.50	
4 to 5 ft.	1.00	

R. Pseudacacia. Black, or Yellow Locust. The value of this tree lies in its extremely rapid growth when young, as during the first ten or fifteen years it exceeds in thrifty shoots almost all other forest trees; but it is short-lived, and in twenty years' time many other trees would completely outlive and outstrip it. 6-8 ft., 50c.; 8-10 ft., 75c.



Quercus Palustris

Salisburia-Maidenhair Tree

Salisburia adiantifolia. A picturesque tree of rapid growth. The foliage is fern-like, whence its name; rare and beautiful; perfectly hardy south of Albany. This tree is so great a botanical curiosity and so singularly beautiful, the form and outline so pleasing and harmonizes so well with buildings, that it should be planted near the house, where it may be readily seen and appreciated.

	Each.
6 to 8 ft.	\$1.00
8 to 10 ft.	1.50
10 to 12 ft.	2.00
12 to 14 ft.	2.75

Salix - Willow

Willows are a very useful class of trees, adapted to a great variety of soils, easily transplanted, hardy and of rapid growth. Their principal value in landscape gardening is to embellish low ground, streams of water, margins of lakes, etc. They harmonize badly with other trees in other locations, where the violent contrast could produce only discord. When introduced, hanging over some rustic bridge and brought into harmony with surrounding vegetation with other graceful trees as the Birch or Elm, its effect is especially appropriate.

Salix Babylonica. The well-known weeping willow from Asia.

	Each	10
6 to 8 ft. ....	.50	\$4.00
8 to 10 ft. ....	.75	6.00
10 to 12 ft.	1.00	7.50
12 to 14 ft.	1.50	

S. Britenizis. Bronze-barked Willow. Especially valuable for its bright red bark in winter.

	Each	10
6 to 8 ft. ....	.75	\$5.00
8 to 10 ft.	1.00	7.50

S. elegantissima. Thurlow's Weeping Willow. A graceful tree with leader of erect growth, side branches drooping; as strong a grower as the Babylonica, but more hardy at the far north.

	Each	10
6 to 8 ft.	\$1.00	\$ 8.00
8 to 10 ft.	1.25	10.00
10 to 15 ft.	\$1.50 to 2.50	

S. B. ramulis aurea. Golden-barked Weeping Willow. Habit same as the type, but has beautiful golden bark in winter.

	Each	10
8 to 10 ft.	\$1.00	\$ 7.50
10 to 12 ft.	1.50	12.50

Salix pentandra. Laurel-leaved Willow. Rich dark green glossy foliage, strong grower; especially useful at the seashore.

	Each	10
5 to 6 ft. ....	.50	\$4.00
6 to 8 ft.	1.00	7.50

S. rosmarinifolia. Rosemary-leaved Willow. A very striking and beautiful tree, with feathery branches and silvery foliage.

	Each	10
3 to 4 ft. ....	.75	\$ 6.00
4 to 5 ft.	1.00	8.00
5 to 6 ft.	1.25	10.00

S. Wisconsin Weeping. Of drooping habit. Valuable on account of its ability to resist severe cold.

	Each	10
8 to 10 ft.	\$1.00	\$ 7.50
10 to 12 ft.	1.25	10.00
12 to 14 ft.	1.50	12.50

Taxodium-Deciduous Cypress

Taxodium distichum. A native of the South; perfectly hardy to a latitude of 43 degrees; a distinct tree of rapid pyramidal growth and soft feathery foliage of bright green tint in loose, airy tufts, which give it a character of elegance. With other trees the Cypress produces a pleasing effect, especially with hemlocks and firs, with which it harmonizes well in form and foliage, while its light green is beautifully opposed to their richer and darker tints. Of rapid growth.

	Each	10
4 to 5 ft.	\$1.00	\$ 7.00
5 to 6 ft.	1.25	10.00
6 to 8 ft.	1.50	12.50
8 to 10 ft.	2.00	17.50

Tilia - Linden

The Lindens are symmetrical in form, rapid in growth and of great beauty when given room to develop naturally. The flowers are large, handsome and heart-shaped in form; they open in June, hang in loose, pale yellow clusters, and are quite ornamental.

Tilia Americana. American Linden, or Basswood. Our common American species.

	Each	10
8 to 10 ft.	\$1.25	\$10.00
10 to 12 ft.	1.50	12.50
12 to 14 ft.	2.00	17.50

T. Europaea. European Linden. Said to be the celebrated species of Berlin. Fine pyramidal tree, nearly as large as the variety Platyphyllos.

	Each	10
10 to 12 ft.	\$2.00	\$1.75
12 to 14 ft.	3.00	2.75
14 to 16 ft.	4.00	3.75

T. E. alba (argentea.) White-leaved European Linden. A very distinct and striking species, particularly noticeable by its white appearance; grows 40 feet high, forming a pyramidal, compact head.

	Each	10
8 to 10 ft.	\$1.75	\$15.00
10 to 12 ft.	2.50	22.50
12 to 14 ft.	3.25	30.00



Linden on Norman Estate, Newport, R. I.

T. E. platyphyllos. Bread-leaved Linden. This is probably the largest of the European Lindens, a rapid grower and attaining a height of 90 feet. It has larger and rougher leaves than the type and is more regular in habit.

	Each	10
6 to 8 ft.	\$.75	\$ 5.00
8 to 10 ft.	\$.75 per 100	10.00
10 to 12 ft. ...	125 per 100	1.50
12 to 14 ft.	2.00	17.50
16 to 18 ft.	3.50	

T. E. laciniata rubra. Red Fern-leaved Linden. A medium-sized tree of pyramidal, compact habit, growth on young wood light red and foliage deeply cut. Excellent variety.

	Each	10
8 to 10 ft.	\$1.25	\$10.00
10 to 12 ft.	1.50	12.50
12 to 14 ft.	2.00	17.50
14 to 20 ft.	\$3.00	5.00

T. E. alba pendula. Weeping Linden. One of the best of the European kinds, holding its foliage throughout the season.

	Each	10
7 to 8 ft.	\$2.00	\$17.50
8 to 10 ft.	2.50	22.50
10 to 12 ft.	3.00	
15 to 18 ft.	\$5.00 to 7.00	

Ulmus - Elm

As the oak stands for dignity and majesty, the Elm stands for gracefulness and elegance

among trees. It is peculiarly well calculated for groups or a single specimen; also for street planting and avenues.

Ulmus Americana. American Elm. This tree is a rapid grower, long-lived, attains a large size, and its umbrella form gives shade while it does not obstruct the view. No more majestic tree grows either for lawn or street than this. It often reaches a height of 80 to 100 feet and a diameter of 40 to 60 feet. The charming villages of New England, including Lenox and Stockbridge, attain a greater portion of their peculiar loveliness from the wonderfully beautiful Elms which decorate their fine streets. Very easily transplanted.

	Each	10
6 to 8 ft.	\$.50	\$ 4.00
8 to 10 ft. ....	.75	6.00
10 to 12 ft.	1.00	9.00
12 to 14 ft., 2-2½ in. cal. ...	2.00	17.50
14 to 16 ft., 2½-3 in. cal. ...	2.50	
16 to 20 ft.	\$3.50 to 7.00	

U. montana. Scotch, or Wych Elm. Trees attaining 100 feet with spreading branches; found from Europe to Japan. 6-8 ft., \$1.00; \$7.50 per 10.

U. m. Camperdown pendula. Camperdown Weeping Elm. Grafted 6 to 8 feet high, this forms a picturesque weeping tree; of very rapid zigzag growth making shoots several feet in a season. 3-year heads, \$2.50 each.

Hardy Climbing Shrubs

Actinidia

Actinidia polygama. Silver Sweet Vine. A new and beautiful climber from Japan. The flowers are creamy white, appearing in profusion in June, and resemble the lily-of-the-valley in fragrance. The growth is vigorous; does well in shade. 4-5 ft., 35c.; \$3 per 10; 5-6 ft., 50c.; \$4 per 10.

Akebia

Akebia quinata. Japanese vine, with fine foliage, purple flowers and ornamental fruit. It is one of our hardiest, quick-growing vines and is very graceful and handsome. 5-6 ft., 35c.; \$3 per 10. 6-8 ft., 50c.; \$4 per 10.

Ampelopsis

Ampelopsis quinquefolia. Virginia Creeper. Very fine effect on rocks and trees. In autumn the foliage turns a beautiful rich crimson. Excellent for arbors, trellises and stumps in the North, where only very hardy vines succeed.

A. Veitchii. Japan Creeper; Boston Ivy. No plant is more extensively used than this for covering walls, rocks, stumps, etc., to which it clings without any support. The handsome foliage takes on a gorgeous crimson in autumn. Grows well in the smoky atmosphere of cities.

	Each	10
Either of above.	\$.25	\$1.50
2-yr.	12.00 per 100	.30
3-yr., extra 16.00 per 100		2.00

A. Englemanni—
3-yr. \$.30 \$2.00

Aristolochia

Aristolochia Sipho. Dutchman's Pipe. A native species of rapid growth, with large leaves and pipe-shaped flowers; excellent for shade. This is one of the most rapid-growing of all hardy climbers. Very heavy. 50c. each; \$4.00 per 10.

Bignonia (Tecoma) - Trumpet Creeper

Bignonia. grandiflora. Flowers shorter than those of Radicans, scarlet, about 2 inches across. 4-5 ft., 30c.; \$2.50 per 10. 5-6 ft., 40c.; \$3.50 per 10.

B. radicans. An old garden favorite. Clings like ivy to walls or other support. Its large, orange, trumpet-shaped flowers in August are unique and beautiful. Very desirable for covering summer houses, trees, rocks and rustic bridges. 4-5 ft., 30c.; \$2.50 per 10. 5-6 ft., 40c.; \$3.50 per 10.

Celastrus

Celastrus scandens. Climbing Bittersweet, or Waxwort. A native twining plant of rapid growth, especially suitable to twine about some tall support, where its yellow flowers and clusters of orange-capsuled fruit show off to best advantage. Will grow 10 or 12 feet in a season.

	Each	10
3 to 4 ft.	\$.25	\$2.00
4 to 5 ft., heavy ....	.40	3.50
5 to 8 ft., heavy	50c. to .75	

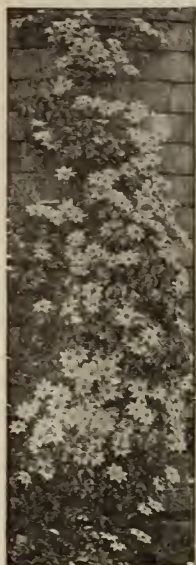
C. articulatus. (Japanese Bittersweet.) Tall, vigorous climber, leaves nearly circular. Capsules orange-yellow splitting open in autumn and disclosing the crimson arils. Fine for decorating.

3 to 4 ft.	\$0.50	\$4.00
-----------------	--------	--------

Shrubs in Tree Form

Acacia	\$1.50 to \$2.00
Azalea Mollis	1.00 to 1.50
Caragana	1.00 to 1.50
Forsythia	1.00 to 2.00
Hydrangea .....	.50 to 1.00
Lilac	1.00 to 2.50
Viburnum .....	.75 to 1.50
Wistaria	1.00 to 5.00

Clematis-Virgin's Bower



Clematis

The Clematis is the most showy of all climbers. It may be used in any place where a climber would be suitable except the dense shade. Plant in a sunny spot in good garden soil, dug very deep, placing the crown of the roots $\frac{3}{4}$ inch below the surface of the soil. We recommend the application of well-rotted manure in holes a few inches away from the plant in opposite directions. The feeding roots reach out to these holes, which may be watered freely, with better success than when the manure is applied directly to the base of the plant. It likes plenty of moisture at the roots when in bloom.

Large-Flowered

40c. each; \$3.50 per 10.

Clematis Henryi. Very large, white; good grower.

C. Jackmani. This is the most vigorous and free-blooming of the large-flowered varieties; royal purple.

C., Mme. Koster. A bright rosy carmine, not so rich in color as Mme. Andre, but a stronger, freer grower. Blooms freely in the nursery, having hundreds of flowers at two years old.

C., Mme. Edouard Andre. Velvety red; free bloomer.

C., Duchess of Edinburgh. The best of the double whites.

C., Sieboldii. Large, bright blue flowers.

C., General Grant. Lavender.

Small-Flowered Clematis

Clematis coccinea. Flowers scarlet, bell-shaped, small. 40c., \$3.50 per 10.

C. flammula. European Sweet. Flowers small, white and fragrant. 35c.; \$3 per 10.

C. paniculata. This is the best of the small-flowered Clematis. It will grow 20 feet in a single season. Flowers are small, fragrant and very abundant in August.

	Each	10
2-yr. ....	.25	\$2.00
3-yr. ....	.35	3.00
4-yr. ....	.50	

Dolichos (Pueraria)

Dolichos Japonica. Japanese Kudzu Vine. This is the most rapid of all vines, growing a foot a day. Bears racemes of rosy, pea-shaped flowers in August. 35c. each; \$3.00 per 10.

Euonymus

Euonymus radicans. An evergreen species with small, glossy leaves; attains a height of 20 to 30 feet, but grows slowly; clings with great tenacity to walls and rocks, and because it is easily kept under control is suited for low walls.

E. r. variegata. Similar to the above, but with leaves margined with creamy white.

Euonymus radicans and variegata .....	.25	\$2.00
XX .....	.35	3.00
XXX .....	.50	4.00
E. Vegetus .....	.35	3.00

Hedera

Hedera Hibernica. Irish, or English Ivy. Succeeds best on north sides of buildings, since it suffers from exposure to the sun in winter. Much used to cover buildings, rocks, graves and as an evergreen carpet beneath trees.

	Each	10
2 to 3 ft.	\$15.00 per 100	.25 \$2.00
3 to 4 ft.	25.00 per 100	.40 3.00

Lonicera - Honeysuckle

Lonicera brachypoda aurea reticulata. Japan Golden Honeysuckle. Most beautiful netted foliage. Suitable for covering rocks.

L. Japonica. Chinese Twining Honeysuckle. A well-known vine, holding its foliage nearly all winter. Blooms in July and September, and is very sweet.

L. Periclymenum. Common Woodbine. A strong, rapid grower, with very showy flowers, red outside, buff within. June and July.

L. Belgica. Monthly Fragrant or Dutch Honeysuckle. Blooms all summer. Red and yellow; very fragrant flowers.

Lonicera Halliana. Hall's Japan Honeysuckle. A strong grower, almost evergreen. Flowers open pure white, changing to yellow. Very fragrant and blooming in profusion from June to November.

	Each	10
3 to 4 ft.	\$12.00 per 100	.20 \$1.50
4 to 6 ft.	18.00 per 100	.30 2.50

Lycium - Matrimony Vine

A hardy Chinese plant that may be used either as a vine or a shrub. Its slender drooping branches, abundant with pink and purple flowers from June to September, in winter are full of scarlet and orange fruit.

	Each	10
2 to 3 ft. ....	.25	\$2.00
3 to 4 ft. ....	.35	2.50

Vinca

Vinca minor. Periwinkle. A familiar evergreen trailing plant that bears blue flowers and is one of the best plants to carpet the ground under trees and shady places where grass will not grow, and on rockeries and graves. 15c. each; \$1.25 per 10; \$8.00 per 100.

Wistaria

The Wistarias should be planted in sunny places in any good soil and well pruned each year. Frutescens and Sinensis are equally suitable for arbors, trellises and pergolas, and may be grown also in shrub form on the lawn. 50c. to \$2.00, according to size.

Wistaria frutescens. American Wistaria. Flowers later than the Chinese and the lilac-purple flowers come in dense racemes.

W. magnifica. Larger racemes than the above; flowers fragrant and more dense than the above, over which it is a great improvement.

W. multijuga. Loose-Cluster Wistaria. Dark blue flowers borne in racemes often 2 feet or more in length.

W. m. alba. Magnificent racemes of white flowers.

W. Sinensis. Chinese Wistaria. A very strong grower after once established. It blooms very profusely early in summer and again more sparingly later in the season. Flowers sky-blue, in pendulous clusters.

W. S. alba. Chinese White Wistaria. Habit same as the blue. Both may be trained up to a single stem or tree form on lawn.

Deciduous Shrubs

Azaleas

The Azaleas share in popularity with the Rhododendron. They are perfectly hardy, having stood the exceptionally severe winters of 1903-'04 and 1904-'05 without the least protection. They seem to do equally well in either sun or shade. Effective as undergrowth among tall trees or as a border for large shrubbery. They do well along streams and pond borders, and *Arborescens* thrives even in bogs and swamps. A mulch of leaves is beneficial.

Azalea arborescens. Fragrant Azalea. Flowers white, tinged with rose; fragrant; blooms in June and July; leaves often shade to red in autumn.

	Each	10
12 to 18 in.	\$.50	\$ 5.00
18 to 24 in. ....	.75	6.00
2 to 3 ft.	1.50	12.50
3 to 4 ft.	2.50	22.50

A. lutea (calendulacea.) Great Flame Azalea. A royal species, flowers a fiery red and orange and bright gold; blooms in May and June.

	Each	10
1½ to 2 ft.	\$1.00	\$ 7.50
2 to 3 ft.	1.50	12.50
3 to 4 ft.	2.25	20.00

A. mollis. The flowers are larger and open earlier than those of the Ghent. Planted in bed or border they make a charming effect. Selected, well budded plants, assorted colors, which will fairly cover themselves with bloom a month after planting

12 to 18 in.	\$.35	\$3.00
18 to 24 in. ....	.60	5.00
24 to 30 in.	1.00	7.50
2½ to 3 ft.	\$1.50 to 1.75	

A. m. Consul Ceresole. Red.
18 to 24 in. ..\$1.50 \$12.50
2 to 2½ ft... 2.00 17.50

A. m. Altaclarens. Bright yellow.

A. m. Anthony Koster. Flowers brilliant-golden yellow. A new variety of great beauty.

A. m. J. C. Van Thol. A new large red flowering variety.
Three above named:

	Each	10
18 to 24 in. ..\$1.75	\$15.00	
2 to 2½ ft... 2.25	20.00	

A. pontica. Ghent Azalea. No words can picture the beauty of this magnificent tribe of hybrids, in colors from white to scarlet. Choice plants, mixed colors.

2 to 3 ft.	\$1.00	\$8.00
3 to 4 ft.	1.50	

A. p. Gloria Mundi. Brilliant orange red.

A. p. Louis Van Houtte. Magnificent light salmon pink.

A. p. Rembrandt. Violet red.
Three above named:

	Each	10
2 to 2½ ft.	\$1.75	\$15.00
2½ to 3 ft.	2.00	17.50

A. Vaseyi. A native species which bears in great profusion delicate pink flowers in April and May, before the foliage.

	Each	10
18 to 24 in.	\$.60	\$5.00
2 to 3 ft.	1.00	7.50
3 to 4 ft.	1.50	

Aralia - Angelica Tree

Aralia pentaphylla. A choice Japanese shrub of very rapid growth. The pale green foliage gives fine contrast with other shrubs. Flowers inconspicuous.

	Each	10
3 to 4 ft.	\$.25	\$2.00
4 to 6 ft. ....	.35	3.00

A. spinosa. Hercules' Club. Valuable for tropical effects when planted in groups. Blooms in September, when few other shrubs are in bloom. Grows to 10 or 12 feet high.

	Each	10
3 to 4 ft.	\$.30	\$2.50
4 to 6 ft. ....	.40	3.50
6 to 8 ft. ....	.60	5.00

Berberis - Barberry

No group of shrubs is more admired for foliage and fruit which cling to the leafless branches in winter. They will grow anywhere, in sun or shade, moist or dry soil; hardy anywhere and may be planted either in spring or autumn.

Berberis Thunbergii. Japanese Barberry. Of dwarf, graceful habit, and very thorny. This is one of the best plants where a low, untrimmed hedge is desired. Its small leaves assume a gorgeous crimson color in autumn, and the slender branches droop beneath their load of red berries, which hang on all winter; it thrives in partial shade or full sun, in any soil. This is one of the few shrubs suitable



Azalea Mollis

for border of shrubbery, and is effectively used in Central Park.

12 to 18 in.	\$8.00	per 100	\$.15	\$1.20
18 to 24 in.	12.00	per 100	.20	1.50
18 to 24 in. heavy	\$15	per 100	.25	2.00
2 to 2½ ft. bushy,	\$20	per 100	.30	2.50
2½ to 3 ft., 2 to 3 ft. broad....			.50	4.00
3 to 4 ft., broad .....			.75c.	1.00

B. vulgaris. European Barberry. A handsome shrub, with yellow flowers in drooping racemes in May or June, followed by orange-scarlet fruit.

	Each	10	
2 to 3 ft.....	\$.25	\$2.00	
3 to 4 ft.....	.35	3.00	

B. v. purpurea. Purple-leaved Barberry. An interesting shrub, with violet-purple foliage and fruit. Effective in groups and masses, or planted alone. Prices same as above.

Calycanthus - Allspice

Calycanthus floridus. An old-fashioned garden favorite, valued for the pineapple fragrance of its chocolate-colored double flowers. It blooms in June and at intervals. Grows as well in shade as in sun. Foliage large and handsome.

	Each	10	
2 to 3 ft., heavy.....	\$.50	\$4.00	
3 to 4 ft., heavy.....	.75	6.50	

Caragana

Caragana arborescens. Siberian Pea Tree. Bears bright yellow flowers in May among its graceful pinnate foliage. 2-3 ft., 25c.; 3-4 ft., 35c.; 4-5 ft., 50c.

Clethra-Sweet Pepper Bush

Clethra alnifolia. Spikes of white, sweet-scented flowers in August when flowers are very scarce. Will grow on poor soil, and flourishes in wet, shady places. 2-3 ft., 30c.; \$2.50 per 10. 3-4 ft., 40c.; \$3.50 per 10.

Cornus - Dogwood

The Dogwoods thrive in almost any soil, as well in shady as in open ground, and in wet as well as dry soil, from the warmer parts of Canada southward. Especially valuable for the brilliant coloring of the bark and, therefore, suitable for mass planting. Severe pruning improves the kinds that give attractive effects by their twigs in winter.

Cornus alba stolonifera. Red Osier Dogwood. Dark red bark and white berries render this species valuable for winter effect, white flowers are produced in June.

C. sanguinea. Scarlet-twigged Cornel. Very ornamental in winter, when the bark is blood-red.

C. Sibirica. Red Siberian Dogwood. Rare and beautiful in winter, because of its bright red bark. Either of the above: 2-3 ft., 25c.; \$2.00 per 10. 3-4 ft., 35c.; \$3.00 per 10.

Corylus - Filbert

Corylus Avellana purpurea. Purple-leaved Filbert. One of the best purple-leaved shrubs. Very dark; foliage large and beautiful. 2-3 ft., 35c.; \$3.00 per 10. 3-4 ft., 50c.; \$4.00 per 10. 4-6 ft., heavy, \$1.00 each.

Deutzia

All the Deutzias are valuable and very profuse bloomers in June.

Deutzia crenata rosea plena. Flowers double, white tinged with rose. This is one of the best tall varieties. 2 to 3 ft. 25c.; 3 to 4 ft. 35c.

D. c., Pride of Rochester. Excels in size of flower and length of panicle; blooms nearly a week earlier than *Crenata*. 2-3 ft., 25c.; 3-4 ft., 35c.; 4-5 ft., 60c.

D. gracilis. A charming shrub of dwarf habit, growing only 2 to 3 feet high, making it especially desirable in certain locations. One of the prettiest and most popular small shrubs. Very fine for forcing. 12 to 18 in., 25c.; \$2.00 per 10. 18 to 24 in., 35c.; \$3.00 per 10.

D. g., rosea. A very pretty pink-flowering form, growing to a height of about 3 feet. 18 to 24 in., 35c.; \$3.00 per 10. 2-3 ft., 50c.; \$3.50 per 10.

D. hybrida Lemoini. Flowers pure white. Habit dwarf and free-flowering. A great acquisition.

	Each	10	
18 to 24 in.	\$.25	\$2.00	
2 to 3 ft. ....	.50	4.00	
3 to 4 ft. ....	.75	6.00	

Diervilla - Weigela

Many hybrid varieties have been recently added to the beautiful species of *Weigela*, some blooming in June and July others in autumn, and varying in shade from white to dark reddish purple, which makes this one of the most useful groups for decorative purposes. They thrive in moist and partly shady positions, and some varieties flower sparingly through the summer after their wealth of bloom in June and July.

Prices of *Weigela*:

	Each	10	
2 to 3 ft.	\$.30	\$2.50	
3 to 4 ft. ....	.50		
4 to 6 ft. ....	.75c.	1.25	

D. Gustave Mallet. Light pink, bordered with white.

D. hybrida, Eva Rathke. A charming new *Weigela*, flowers brilliant crimson; continues to bloom through the summer.

D. h. Lavallei. Producing dark reddish purple flowers; one of the darkest varieties.

D. nana. Variegated *Weigela*. A neat, dwarf shrub, valuable alike for its clearly defined variegation of green, yellow and pink in its leaves and its profusion of delicate rose-pink blossoms.

D. rosea. Of erect, compact growth.

D. r. amabilis, or splendens. Dark foliage and pink flowers; blooms freely in the autumn. Distinct and beautiful.

D. r. floribunda. Flowers dark red; blooms freely.

Elaeagnus - Oleaster

Elaeagnus longipes. Japanese Silver Thorn. A useful new shrub. The dark brown of the new growth and the bright green leaves, with a silvery under-surface, and the abundant crop of bright-colored edible fruit make it a plant doubly valuable.

	Each	10	
2 to 3 ft.	\$.35	\$3.00	
3 to 4 ft. ....	.50	4.00	
4 to 5 ft. ....	.75		

"Many a man intensely practical in his own business will give his order to the lowest bidder among competing nurserymen, and waste years looking at sickly, struggling or dying trees, shrubs and perennials about his home, rather than invest a little more money and get satisfaction and joy from the start. Poor stock is dear at any price."—Neltze Blanchan in "The American Flower Garden."

There are good and sufficient reasons stated on page 2 why it will pay you to try **Rosedale stock.**

Euonymus-Strawberry Tree

Euonymus alatus. Cork-barked Euonymus. Compact habit; wood very corky; desirable for its red fruit and bright red foliage in autumn.

	Each	10
2 to 3 ft.	\$.40	\$3.50
3 to 4 ft. ....	.75	6.50
4 to 5 ft., heavy	1.00	

E. Europaeus. Very large shrub; especially attractive in autumn for the coloring of its fruit and foliage. 3 to 4 ft., 35c. 4 to 5 ft., 50c. 5 to 6 ft., 75c.

E. latifolia. Broad-leaved Burning Bush. Grows to a height of 15 feet, with broad, glossy leaves, which turn to purplish red in autumn. Fruit large and highly colored. Choice. 2 to 3 ft., 50c.; 3 to 4 ft., 75c.

Exochorda - Pearl Push

The pure white fragrant flowers in May are borne on light, wiry branches which bend beneath their load of bloom, making an airy and graceful appearance, and the buds are like small, round heads of pearly whiteness.

	Each	10
2 to 3 ft.	\$.35	\$3.00
3 to 4 ft. ....	.50	4.00
4 to 5 ft. ....	.75	6.00
5 to 7 ft.	1.00	

Forsythia - Golden Bell

These natives of Japan and China are among the earliest blooming shrubs, making the landscape bright with glorious yellow before the foliage appears. Sharp pruning shortly after flowering insures good flowering wood the coming year; do well in partial shade; indispensable in groups and masses.

Forsythia Fortunei. Fortune's Forsythia. Growth upright, foliage dark green.

F. Intermedia. Slender arching branches; a vigorous grower and very floriferous.

F. Suspensa. Weeping Forsythia. Resembles Fortunei, but of graceful, drooping habit.

F. viridissima. Leaves and bark deep green.

Forsythias, in variety.

2 to 3 ft.	\$.25	\$2.00
3 to 4 ft. ....	.35	3.00
4 to 5 ft. ....	.50	
5 to 8 ft. ....	.75c. to 2.50	

Halesia - Silver Bell Tree

Halesia tetraptera. A large shrub with drooping branches which are laden with bell-shaped white flowers in May; grows in good soil and shady places. It has four-winged fruit. 4 to 5 ft., 35c. 5 to 6 ft., 50c. 6 to 8 ft., 75c. to \$1.00.

Hibiscus - Althea, or Rose of Sharon

The Altheas are symmetrical, rapid-growing, free-flowering shrubs. Very desirable because of their August and September bloom. They should be pruned very close in early spring. Useful either in groups or as specimens; also useful for hedges, as they bear the closest pruning and bloom in great profusion.

Hibiscus Syriacus. The under named varieties. 2 to 4 ft., 35c.; 4 to 5 ft., 50c.; 5 to 6 ft., 75c.

H. S., Boule de Feu. Large, very double, well-formed flowers of a beautiful violet-red color. Plant vigorous; flowers late.

H. S., Jeanne d'Arc. One of the best new shrubs. Flowers pure white, double; plant is a strong grower.

H. S., Leopoldii flore pleno. Large flowers; very double; flesh color, shaded rose; leaves lacinated.

H. S., rubra plena. Double Red Althea. Clear red; one of the best.

H. S., totus albus. Single, pure white; very fine.

H. S., variegata flore pleno. Double Variegated, or Painted Lady Althea. White, with purple outside petals shaded pink.

Have you noted our offer on pages 62 and 63 to make you a planting plan, selecting trees and shrubs in accordance with the conditions for your individual place?

Hydrangea

Hydrangea arborescens grandiflora alba. This new hardy American shrub is a great addition to this popular group. The blooms are of the largest size, pure white in color, and the foliage more finely finished than the well-known *Paniculata grandiflora*. It comes into bloom just after the early spring shrubs in June and lasts through August. It is perfectly hardy far north; is bound to become the most widely grown among the Hydrangeas.

	Each	10
18 to 24 in.	\$.30	\$2.50
2 to 3 ft. ....	.40	3.50
3 to 4 ft. ....	.75	5.00

H. paniculata grandiflora. This is the shrub most popular in all sections of the country. It blooms in great profusion from July to September.

	Each	10
2 to 3 ft.	\$.30	\$2.50
3 to 4 ft.	\$15 per 100.	3.00
4 to 5 ft.	\$20 per 100.	4.00



Hydrangea



Roots of Privet

Ligustrum Privet

The Privet is almost an evergreen, grows freely in all soil and will grow in shade where very few other shrubs will thrive. It bears shearing at will. Add to these qualities the bloom in June and July, and you have a group worthy of extensive use.

Ligustrum Amurense. Amoor Privet. Hardier than the California; erect habit; almost evergreen. Prices same as above.

L. Ibota. Japanese Privet. This is one of the hardiest of all Privets, and is now being used extensively at the North, where the California Privet has not proven hardy. Flowers large, white, very fragrant; produced in great profusion. Add to this its black berries, handsome foliage, rapid growth, and the fact that it thrives in either sun or shade, and you have one of the most desirable shrubs in cultivation.

	Each	10
2 to 3 ft. \$12.00 per 100	\$.20	\$1.50
3 to 4 ft. 15.00 per 100	.25	2.00
4 to 8 ft., heavy	50c. to 1.25	

L. I. Regelianum. Regel's Privet. A prostrate form of Ibota; handsome, shiny foliage and horizontal branches; desirable for single specimens or in masses; also for untrimmed hedges. 25c. to 50c. each.

L. ovalifolium. California Privet. This is not only useful for hedges, but also for groups, because of its fine habit and foliage.

	Per 100	1,000
2 to 3 ft.	\$ 4.00	\$35.00
3 to 4 ft.	5.00	45.00
3 to 4 ft., trans. 1915.....	8.00	70.00
4 to 5 ft., trans. 1915.....	12.00	
5 to 8 ft., heavy	25c. to 50c.	each

L. o. aurea variegata. Golden California Privet. Valued for foliage contrasts with darker shrubs; very graceful; grows to a height of 6 or 8 feet. 2 to 4 ft., 25c. to 50c. each.

Lonicera - Upright Honeysuckle

The following varieties are erect shrubs, valuable for their showy fruit. The climbing sorts will be found under Climbing Shrubs, page 23.

They are in great demand for shrubbery groups; are exceedingly hardy and of very rapid growth; fragrant flowers in spring are followed by brilliant fruit in autumn.

	Each	10
2 to 3 ft.	\$.25	\$2.00
3 to 4 ft. ....	.35	3.00
4 to 5 ft. ....	.50	4.00
5 to 7 ft. ....	.75	6.00

Lonicera Alberti. Violet, bell-shaped flowers; leaves narrow; very hardy variety; somewhat creeping.

L. bella albida. White flowers and showy red fruit in great profusion.

L. b. candida. Another fine variety, with showy red fruit.

L. b. rosea. A choice variety with rose-colored flowers and showy fruit.

L. fragrantissima. A spreading shrub with deep green foliage, almost evergreen; fragrant flowers appear before the leaves.

L. Morrowi. A fine Japanese sort, valuable for its handsome fruit.

L. Ruprechtiana. A choice variety from Manchuria, particularly valuable for its showy fruit.

L. Tartarica. Tartarian Honeysuckle. An old and popular shrub. Beautiful pink flowers in June.

L. T. alba. White Tartarian. Creamy white fragrant flowers.



Pavla

Pavia

Pavia macrostachya. Dwarf White Horse-Chestnut. A beautiful spreading shrub growing about 6 feet high and producing numerous large, showy spikes of bloom in June. Very fine. 2-3 ft., \$1.00; 3-4 ft., \$1.50.

Philadelphus Syringa, or Mock Orange

The Syringa, an old favorite on account of its fragrant, beautiful white flowers, produced in great profusion, in partial shade or full sun. Most of the varieties form large shrubs, 10 to 15 feet high, and should not be planted near the house except for screen. If severely pruned, as these and many other large growers often are, they become anything but beautiful. There are some dwarf varieties, but they do not flower freely. All flower in June, closely following the Weigela. We name a few of the best:

Philadelphus coronarius. Garland Syringa. This old-fashioned, early-flowering form is still among the most popular; very fragrant.

	Each	10
2 to 3 ft.	\$.25	\$2.00
3 to 4 ft. ....	.35	3.00
4 to 7 ft., 50c. to \$1.00 each.		

P. coronarius foliis aureis. Dwarf Golden-leaved Syringa. Useful for creating pleasing effects with purple-leaved shrubs, since it keeps its golden color well all summer.

	Each	10
2 to 3 ft.	\$.40	\$3.50
3 to 4 ft. ....	.50	4.50

P. grandiflorus. Large-flowered Syringa. Vigorous, upright grower; slightly fragrant, large flowers in June; branches somewhat straggling. Prices same as Coronarius.

P. Lemoinei erectus. Lemoine's Erect Syringa. A choice variety of upright growth, bearing small, fragrant yellowish white flowers which cover the plant in June. Height about 6 feet.

	Each	10
3 to 4 ft.	\$.30	\$2.50
4 to 5 ft. ....	.60	5.00

Rhodotypus - Kerria

Rhodotypus kerrioides. White Kerria. A choice and rare Japanese shrub, with deeply cut leaves and pure white flowers borne at intervals all summer, succeeded by numerous black fruit which hangs on all winter. A desirable shrub for almost any situation. Grows in all soils.

	Each	10
2 to 3 ft.	\$.25	\$2.00
3 to 4 ft. ....	.35	3.00
4 to 5 ft., heavy ....	.50	4.00

Rhus-Sumac

2 to 3 ft.	\$.35	\$3.00
3 to 4 ft. ....	.50	4.50
4 to 5 ft. ....	.75	
5 to 6 ft.	1.00	

Rhus Cotinus. The well-known Purple Fringe or Smoke Tree. Its hair-like flowers, covering the whole surface of the plant for weeks, give it the appearance of a cloud of smoke or mist.

R. glabra laciniata. Cut-leaved Sumac. One of the most beautiful of shrubs, whether we think of the fern-like foliage or its brilliant color in autumn.

R. typhina. Staghorn Sumac. A large shrub, brilliant foliage and scarlet fruit in autumn.

R. t. laciniata. Cut-leaved Staghorn Sumac. Has same rapid growth as the type. Will thrive in driest and poorest soil. Fern-like foliage assumes more brilliant hues, which with showy clusters of crimson fruit make it unique.

Rubus

Rubus odoratus. Flowering Raspberry. The very large foliage, rosy purple flowers, and branches gracefully curving to the ground, render it one of the most effective shrubs for edging of larger shrubbery. Especially beautiful in shady location. 3-4 ft., 25c.; 4-5 ft., 35c.



Purple Fringe—See Rhus

Sambucus - Elder

A group of strong-growing shrubs of easy cultivation; excellent for masses, screen, wild effect and shady places.

	Each	10
3 to 4 ft.	\$.25	\$2.00
4 to 5 ft. ....	.35	3.00
5 to 6 ft. ....	.50	4.00

Sambucus Canadensis. Common Elder. Broad panicles of white flowers in June, followed by purple berries in autumn; a well-known native shrub.

S. C. acutiloba. Cut-leaved American Elder. New. A beautiful variety, with deeply and delicately cut dark green foliage. It is valuable on account of its beauty, hardiness and rapid growth, and the ease with which it is transplanted.

S. C. aurea. Golden-leaved Elder. One of the most valuable large shrubs for enlivening shrubbery. The golden color is remarkably bright and constant.

Rosedale stock is not carried over in storage cellars, neither is it dug with a tree-digging machine; but the trees are freshly dug for each order. Moreover our plants are accustomed to endure our American climate much better than plants and trees recently imported.

Spirea-Meadow Sweet

The Spireas are all low-growing shrubs, and among the most useful of all for profusion of bloom and graceful habit. Of many species and varieties, the following are the best. All early blooming forms should be pruned after flowering.

	Each	10	100
2-3 ft.	\$.25	\$2.00	\$15.00
3-4 ft. ....	.35	3.00	20.00
4-6 ft. ....	.50	4.00	30.00

Spirea Billardi. The flowers are bright rose-color, borne in rather dense panicles; July and August.

S. Bumaldi. Very handsome species from Japan, dwarf, but vigorous; bears rose-colored flowers in great profusion during mid-summer and autumn.

S. B. Anthony Waterer. Fine dwarf Spirea, with dark, crimson flowers. Very fine; blooms constantly from June to October.

S. callosa. Fortune's Spirea. Dwarf; grows freely and blooms all summer. Rose-colored flowers.

S. c. alba. White-flowered variety.

S. opulifolia. Nine-bark. The largest of all, and useful for screens. Grows well in shade.

S. o. aurea. Very conspicuous yellow foliage. Blooms in June, following Van Houttei.

S. Prumifolia flore pleno. Bridal Wreath. In early May the branches bend beneath the weight. Double white flowers.

S. Thunbergii. All things considered, this is the most valuable Spirea. One of the first to flower, graceful in foliage and form all summer, holding its high crimson foliage very late in autumn. Grows well in shade.

S. Van Houttei. Second only to Thunbergii, which species it excels in bloom, being literally covered with large white flowers in June. Planted in the front edge of shrubbery, it gives a graceful finish to the group.

Stephanandra

Stephanandra flexuosa. This beautiful shrub, a native of Japan and Korea, grows to a height of 5 or 6 feet, with angular spreading branches; well adapted for borders or banks on account of its graceful foliage; white flowers in panicked racemes in June. 4-6 ft., very heavy, \$1.00 each.

Symphoricarpos - Waxberry

	Each	10
2 to 3 ft.	\$.25	\$2.00
3 to 4 ft. ....	.35	3.00

Symphoricarpos racemosus. Snowberry. Dwarf shrub. Valuable for the large white berries that remain on the plant in winter. Always found in old gardens.

S. vulgaris. Indian Currant. Like the Snowberry, this little favorite will grow in shade, and is attractive in winter with its gracefully curving branches laden with masses of purple fruit.

Syringa - Lilac

Plant deep and few suckers will appear. If removed promptly when they do appear, they will vanish entirely in time and the plant will have formed roots of its own. Plant in autumn for best results, or may be safely planted in early spring.



Lilac

Prices except as noted.

	Each	10
18 to 24 in.	\$.35	\$3.00
2 to 3 ft. ....	.50	
3 to 4 ft. ....	.50c- .75	
4 to 5 ft. ....	.75c- 1.00	
5 to 8 ft.	\$1.00- 2.50	

Either in Bush or Tree Form.

SINGLE FLOWERED VARIETIES.

Syringa Japonica. A species from Japan, becoming a good-sized tree. Foliage dark green, glossy, leathery; flowers creamy white, odorless, in great panicles. Very late.

S. Josikaea. Hungarian Lilac. From Transylvania. A fine distinct species, of tree-like growth, with dark, shining leaves and purple flowers in June, after the other Lilacs have done flowering. Esteemed particularly for its fine habit and foliage.

S. Persica. Persian Lilac. Native of Persia. From 4 to 6 feet high, with small foliage and bright purple flowers.

S. P. alba. White Persian Lilac. Delicate white, fragrant flowers, shaded with purple.

S. Sibirica alba. Siberian White Lilac. A vigorous grower; foliage small and narrow; flowers white, with bluish tint. Fragrant and free-flowering. One of the best Lilacs.

S. villosa. A species from Japan. Large branching panicles; flowers light purple in bud; white when open, fragrant; foliage resembles that of the White Fringe. Especially valuable, as its flowers appear two weeks after those of other Lilacs.

S. vulgaris. Common Lilac. Bluish purple flowers; remarkably fragrant. Always good.

S. v. alba. Common White Lilac. Cream-colored.

S, SINGLE. D, DOUBLE.

S. v., Aline Moqueury. S. Dwarf, compact growth; flowers dark purplish red; a profuse-blooming sort, and one of the finest of all Lilacs.

S. v., Belle de Nancy. D. Very large, brilliant satiny rose, white toward the center; fine.

S. v., Charles X. S. A strong, rapid-growing variety, with large, shining leaves; trusses large, rather loose, reddish purple.

S. v., Congo. S. Flowers large, wine-red; very compact.

- S. v., Dr. Breitschneider.** D. Purplish in bud, opening white; late; very much on the order of *Villosa*.
- S. v., Dr. Masters.** D. Spikes a foot long; flowers very light, clear lilac, with lighter center.
- S. v., Dr. Lindley.** Large; compact panicles of purplish lilac flowers; dark red in bud; very fine.
- S. v., Doyen Keteleer.** D. Very large; lavender, of fine globular form; rosy lilac; beautiful.
- S. v., Frau Dammann.** S. White Lilac, panicle is very large; flowers of medium size and pure white.
- S. v., Jacques Calot.** S. One of the finest Lilacs; very large panicles of delicate rosy pink flowers, the individual flowers unusually large; distinct.
- S. v., Lamarek.** D. Very large panicle, individual flowers large, very double, rosy lilac; superb when open.
- S. v., Ludwig Spaeth.** S. Panicle long; individual flowers large, single; dark purplish red; distinct; superb.
- S. v., Madame Lemoine.** D. Superb white.
- S. v., Michael Buchner.** D. Plant dwarf, panicle erect, very large, individual flowers. Medium, very double, pale lilac, very distinct and fine.
- S. v., Marie Legraye.** S. Large panicles of white flowers; valuable for forcing. The finest white lilac.
- S. v., President Grevy.** D. A beautiful blue; individual flowers very double and very large, measuring three-quarters of an inch in diameter; the panicle is magnificent and measures 11 inches in length and 5 inches across. One of the finest Lilacs.
- S. v., President Viger.** D. Bluish Lilac; an extra fine variety.
- S. v., Toussaint L'Ouverture.** S. Very dark, purplish flowers, single and oddly crinkled petals.

Viburnum - Snowball

Whether we consider the foliage, flowers or crimson color in autumn, the Snowballs yield to none in attractiveness. There are so many excellent varieties that this genus is sufficient of itself as a source of good material for the planting of the lawn. We select the eight below as the best. They are hardy, quick-growing and invaluable in the shrubbery borders or as specimens.



Viburnum Tomentosum



Viburnum Plicatum

Viburnum acerifolium. Maple-leaved Viburnum. Dwarf shrub, rarely attaining 5 feet; flat heads of white flowers in May; black fruit in autumn. They grow well under the shade of trees in rocky and rather dry soil. 2-3 ft., 50c.; \$4.50 per 10. 4-5 ft., \$1.00.

V. dentatum. Very vigorous; thrives best in moist soil; flowers greenish white, which ripen into black berries.

V. d. Mollé. Resembles *Dentatum*, but grows taller and blooms two or three weeks later; handsomer than the preceding on account of its dark green foliage and robust habit.

V. cassanoides. White Rod. This is a valuable species, for, in addition to its cymes of white flowers, which appear in June, followed by black berries in autumn, it grows well in wet, shady places.

V. Lantana. Wayfaring Tree. Early, white lantana-leaved Viburnum. Very strong grower, with soft, heavy leaves, silvery underneath; large clusters of white flowers in May, succeeded by red fruit; retains foliage very late; grows in dry soil.

V. Opulus. High-Bush Cranberry. Shrub attaining 12 feet, with smooth, light gray branches; blooms in May and June, followed by red berries, which remain until frost; very effective.

V. tomentosum. A single form of the beautiful Japan Snowball (*V. t. plicatum*.) Flowers borne in great profusion in June; fruit vivid-red, changing to black. Vigorous and very hardy.

V. t. plicatum. Japan Snowball. We place this shrub in the front rank. It is attractive from early spring to late in autumn. Its large globular heads of pure white flowers in May and June, its handsome plicate leaves, a most beautiful shade of green in summer, succeeding to crimson in the early autumn, make it a constant joy to the owner the whole season. It does not transplant as easily as many other species unless it has been transplanted every other year in the nursery.

Our stock of Snowballs is heavy, and prices will be made very low in most varieties. Prices except as noted:

	Each	10
2 to 3 ft.	\$.35	\$ 2.50
3 to 4 ft. ....	.50	4.00
4 to 5 ft. ....	.75	6.00
5 to 6 ft.	1.00	8.00
6 to 8 ft.	1.50	12.00



DELICIOUS

Choice Fruits

It is a matter of pride with us that we can point to many large estates and fruit farms which we supply with select fruit trees. We have selected below a few of the choicest kinds, suitable for planting anywhere. In addition to the ordinary size generally offered by nurseries, we have a fine lot of extra size in most of the leading varieties, both dwarf and standard, transplanted either in 1914 or 1915. They have made a fine growth and will save you from two to three years time over ordinary sizes. They have all been carefully inspected by the Department of Agriculture of the State of New York who pronounced them free from all insect pests.

Fruit trees should be well cut back when planted, and currants, gooseberries and peaches should be cut back every spring; some varieties of plums and pears need similar pruning for best results. To insure best treatment, we offer free, with every cash order of \$15 worth of fruit trees, Bailey's excellent book, "The Principles of Fruit-Growing", 514 pages, 120 illustrations; full directions as to selection of varieties, planting, tillage, harvesting and marketing; also renovating old orchards, or "The Pruning Book", by the same author. **Special rates per 1,000 for orchard planting.**

Time of fruiting is given for latitude of New York.

Apples Summer

- Early Harvest.** Pale yellow; tender, fine flavor. Latter part of August.
- Golden Sweet.** Large, yellow; quality fair. August and September.
- Red Astrachan.** Very early, deep crimson, yellow-streaked; tree very hardy and a good bearer. July and August.
- Sweet Bough.** Large, pale yellow; very juicy and delicious; tree abundant bearer. August.
- Yellow Transparent.** Size medium; skin pale yellow, tender, juicy, sub-acid. August.

Autumn

- Bismarck.** Handsome and showy, color red and yellow; extremely hardy and prolific, and bears very early.
- Fall Pippin.** Large, yellow, tender and delicious; admirable baking apple; December.
- Fameuse.** (Snow Apple.) Deep crimson; flesh snowy white; one of the finest dessert fruits. November to January.
- Gano.** Good size, conical; deep red flesh yellow, tender, mild, sub-acid; tree vigorous and prolific; a good keeper and shipper. February to May.
- Gravenstein.** Large, striped red and yellow; excellent quality. September and October.
- Maiden's Blush.** Pale yellow, with red cheek, not very high-flavored; tree erect and good bearer. September and October.
- Oldenburg, Duchess of.** Streaked with red and yellow; very hardy Russian variety; bears young and abundantly. August and September.
- Red Bietigheimer.** Fruit large to very large; cream-colored ground, mostly covered with purplish-crimson; flesh white, firm, sub-acid; with a brisk pleasant flavor. Tree a free grower and abundant bearer. Early fall. September.
- Wealthy.** Dark red and yellow stripes; flesh white, vinous, sub-acid; very hardy. October.

Winter

- Baldwin.** Well known bright red, market variety; tree very productive; very popular in the North.
- Ben Davis.** Large, handsome striped apple, fair quality; tree very hardy and productive.
- Delicious.** Large, brilliant dark red, blending to golden at the blossom end; quality unsurpassed—flavor sweet, slightly touched with acid; flesh fine-grained, crisp and juicy; a great keeper lasting until April. The tree is symmetrical and vigorous in growth and perfectly hardy; succeeds everywhere.
- Greening.** Very popular everywhere; tree vigorous and spreading but often crooked when young; constant bearer; one of the best for cooking. Keeps well until March.
- Grimes' Golden.** Medium to large size, round, rich golden yellow, sprinkled with light gray dots; flesh crisp, tender, rich and juicy, sprightly. Tree hardy, vigorous and productive. January to April.
- Hubbardson Nonesuch.** Tender and juicy, a great bearer; one of the best. November to January.
- King of Tompkins County.** Large red apple of finest quality for cooking; tree very hardy, vigorous and good bearer. November to January.
- McIntosh.** A hardy Canadian sort. Medium, nearly covered with dark red. Flesh white, fine very tender, juicy and refreshing with peculiar quince-like flavor. A good annual bearer. November to February.
- Newtown Pippin.** One of the best American Apples, but its success is confined to certain districts and soils. November to June.
- Northern Spy.** Large; yellow, striped red; flesh rich, aromatic; keeps until June; tree rapid in growth and a good bearer.
- Rainbo.** Greatly esteemed old variety; streaked red and yellow; flesh tender and mild-flavored; tree vigorous and a good bearer.
- Rome Beauty.** Yellow and bright red, large and handsome; medium quality, moderate grower, good bearer. December to March.
- Roxbury Russet.** Medium size, green and russet color; tree large and a great bearer; keeps until June.
- Spitzenburg.** (Esopus.) Large deep red; flesh yellow, crisp and good; does especially well in New York State. November to April.

Stark. Large, roundish; greenish-yellow, much shaded with light and dark red; sprinkled with brownish dots; flesh yellowish, juicy, mild sub-acid; a long keeper and valuable market fruit. January to May.

Stayman Winesap. Dark, rich red, indistinctly striped, but stripe is more pronounced in specimens less highly colored. Flesh firm, fine grained, crisp, juicy, and very tender; rich sub-acid, quality best.

Sutton Beauty. Large, roundish; skin waxen yellow, striped with crimson; flesh tender, sub-acid, good. Tree a free grower and productive. December and January.

Talman's Sweet. Medium, pale whitish-yellow slightly tinged with red; flesh white, firm, fine grained, and very sweet; hardy tree and productive. November to April.

Twenty Ounce. Very large striped Apple, excellent for cooking and baking; tree a good grower and bearer. October to September.

Winter Banana. Large, very handsome, clear pale yellow with tint of red in the sun, good for dessert. Tree bears young.

Wolfe River. An iron-clad, originating near Wolfe River, Wis., fruit large, greenish-yellow, shaded with crimson; flesh white, tender and juicy, with a peculiar pleasant and acid flavor. January to February.

York Imperial (Johnson's Fine Winter.) Medium white, shaded with crimson in the sun, juicy, crisp, mild, sub-acid; tree moderately vigorous and productive. November to February.

Dwarf Apples

Baldwin.	Keswick Codlin.
Bismarck.	King of Tompkins Co.
Blenheim Pippin.	McIntosh.
Cox's Orange Pippin.	Northern Spy.
Duchess of Oldenburg.	Red Astrachan.
Fameuse.	Ribston Pippin.
Gravenstein.	Wealthy.
Greening.	Yellow Transparent.
Hubbardson.	

Description of Dwarf Apples not described in the general list above.

Blenheim Pippin. Fruit large to very large, yellow, more or less washed and striped with red; attractive in appearance and of excellent quality. It is at its best from October to December but often may be kept until mid-winter. Desirable for both home and market uses.

Cox's Orange Pippin. One of the best in quality of the English dessert apples. Season late September to January. Fruit is of medium size or above medium, red and yellow. The tree is a moderate grower and productive.

Keswick Codlin. This variety is particularly esteemed on account of its excellence for culinary purposes. Fruit is of good medium size to rather large, greenish yellow; flesh brisk sub-acid. The tree is a good grower, hardy, long-lived, comes into bearing quite late and yields good to very good crops almost annually. It comes into season late in August and ripens continuously during a period of several weeks.

Ribston Pippin. Originated in England 200 years ago. In that country it has long been considered the standard of excellence among dessert apples. Season late September to December or later. It is much esteemed for its rich flavor and fine quality and it is admirable either for dessert or culinary uses.

Stirling Castle. Large size, good cropper, good culinary variety. October to November.

Crab Apples

Hyslop. Beautiful in flowers; large crimson. October.

Montreal Beauty. Large, bright yellow, shaded with red; flesh yellowish, firm, acid. September.

Red Siberian. Red. September and October.

Yellow Siberian. Large, pale yellow, with tint of red. September.

Transectant. Red and yellow; productive. September.

Prices of Fruits

No charge for boxing or packing. Five or more of one variety at 10 rate, 25 at 100 rate, 250 at 1,000 rate.

	Each	10
Apples. First-class, 5 to 7 ft....	\$.25	\$ 2.00
First-class, 7 to 9 ft....	.35c.	.50
Dwarf. 2 to 3 ft.....	.40	3.50
3 to 4 ft.....	.60	5.00
4 to 6 ft.....	.75c.	1.00
Apricots. First-class, 3 to 4 ft....	.50	4.00
Transplanted, 4 to 6 ft.....	.75	
Cherries—On Mazzard Stock—		
First-class, 5-6 ft.....	.50	4.00
XXX, 6-8 ft., trans., 75c. to 1.50		
Peaches—		
1-yr., 4-6 ft.....	\$15 per 100 .25	2.00
2-yr., transplanted .....	.50	4.00
Pears—		
Standard, 5 to 7 ft., 2 year....	.35	3.00
XXX. Transplanted... 75c. to 2.00		
Dwarf. 2 to 3 ft.....	.35	3.00
3 to 4 ft.....	.50c. to .75	
Plums. First-class, 5 to 7 ft....	.30	2.50
XXX. 7-9 ft., trans... 75c. to 1.50		
Quinces. First-class, 4 to 6 ft....	.50	4.00
Transplanted .....	.75c. to 1.25	
Grapes. First-class, 2-yr.....	.20	1.50
First-class, 3-yr.....	.30	2.50
First-class, 4-yr., trans.....	.50	4.00
Currants— Two year.....	10	100
First-class	\$1.00	\$ 6.00
Perfection	1.25	10.00
Gooseberries—		
Two year	2.50	20.00
Three year	3.50	
Rhubarb, \$100 per doz.; XXX, \$2.00 per dozen.	100	1,000
Blackberries, 10 for 50c.....	\$2.50	\$20.00
Blackberry. Erskine Park—		
5 to 25 at 6c.; 25 or more at 5c.		
Asparagus. 2-year	\$1.00	
Raspberries	2.50	20.00
St. Regis, 25 at 6c.....	4.00	
Strawberries	1.25	10.00
Pot plants July and August..	3.50	30.00

Cherries

The Cherry succeeds well on dry soils and is susceptible of being trained in a great variety of forms.

Sweet

Black Tartarian. Very large, black, of the finest quality; tree good grower and immense bearer. Last of June.

Governor Wood. Large white Cherry; shaded with red; hangs well on the tree; middle of June.

Napoleon Bigarreau. Large, pale yellow, red cheek; good bearer; last of June.

Windsor. A seedling originated at Windsor, Canada. Flesh firm and of fine quality; dark red; early July.



Sour

Early Richmond. Very valuable for cooking; tree vigorous, healthy and very productive. June.

May Duke. Well-known, excellent variety; juicy; sub-acid. Middle of June.

Montmorency. Large, red; 10 days later than Early Richmond; very prolific and hardy.

Reine Hortense. Bright red, of great excellence; nearly sweet.

Select Pears

We offer a well tested list of Pears. In addition to the two-year-old trees usually sold, we offer in most of these trees, four and five years old, transplanted.

With well developed roots, these extra size trees will soon come into bearing. In fact, some of them have borne fruit in the nursery the past year.

Dwarf varieties are those budded on quince stock, all particularly desirable for gardens. Many fruit growers find them profitable for market. Like the dwarf apples, they are easy to prune and spray and the fruit is easily gathered. Orchardists would, no doubt, find a combination of dwarfs and standards profitable.

It is of great importance that the fruit be properly thinned when trees are heavily laden, but it is most important that the fruit be gathered at the proper time.

In planting dwarf pears, see that the bud or graft, is two inches above the surface. If planted too deeply they might take root above the bud and thus turn back into the standard tree. About half of the previous summer's growth should be cut off each spring.

*Indicates both dwarf and standard.

Summer

***Bartlett.** One of the best known Pears, with a rich, musky flavor; abundant bearer even when young; middle of September.

Clapp's Favorite. Resembles Bartlett, ripening a few days earlier. Flesh fine grained, rich and buttery. Very hardy and vigorous, either on pear or quince. Fruit should be picked at least ten days before it would ripen on the tree.

Tyson. Good size, juicy and sweet; tree vigorous and rapid grower, abundant bearer. August.

Autumn

***Bartlett-Seckel.** A cross between Bartlett and Seckel combining the best qualities of each. Tree vigorous and hardy. September and October.

Bosc (Beurre Bosc.) Large, russety Pear, with long neck; highly flavored and delicious; September to October.

***Duchess d'Angouleme.** One of the largest, good Pears which attains its perfection as a dwarf.

Howell. Large, yellow, sweet and delicious; very hardy and productive. September and October.

Kieffer. Large, golden yellow, often tinted with red; very vigorous and productive, even when young. October and November.

***Seckel.** Small, but of the highest flavor; tree strong grower and good bearer.

***Worden Seckel.** Seedling of Seckel, with larger fruit and better keeper. October to December.

Sheldon. Large round, russet and red; very juicy, melting and vinous. October.

Winter

***Anjou.** Large, handsome, buttery, with a slight vinous flavor; tree vigorous and an excellent bearer; keeps until Christmas.

Lawrence. Golden yellow, medium size, and abundant bearer. November to January.

Winter Nelis. Medium size, dull russet; rich fine flavor, good bearer. November to January.

P. Barry. Orange-yellow, dotted with russet; flesh juicy, even-grained and rich.

Apricot

Where the Apricot is hardy, it is of great value, coming as it does between Cherries and Peaches.

Alberge de Montgamet. Size medium; early, hardy.

Moorpark. One of the largest and finest; flesh orange and very delicious.

Harris. Large, golden yellow fruits. Early July.

Plums

Selected, First-Class

Coe's Golden Drop. Light yellow, firm and sweet. Last of September.

German Prune. Medium size, purple and rich, very productive. September.

Grand Duke. Large, violet-red. September and October.

Imperial Gage. Yellowish-green; flesh rich and sweet; very productive. Middle of August.

Shropshire Damson. Medium, dark purple; excellent for preserving. An abundant bearer.

Yellow Egg. Very large, yellow Plum; rather coarse, but good for cooking; good bearer. Last of August.

Japanese Varieties

Abundance. Large amber; flesh yellow and sweet; very productive. July.

Burbank. Large, cherry red, good bearer; market variety. Early September.

October Purple. Considered by Mr. Burbank as one of his best hybrids; large purple, with yellow flesh; very late.

Wickson. Large, glowing carmine; flesh white, firm and delicious; upright, stately grower. September.

Peaches

Selected Trees, First Class

No class of fruit brings such quick and valuable returns as do the Peaches, if they are properly cared for, and no class suffers more from neglect than this. The ground should be kept cultivated and occasionally given a dressing of wood ashes. Pruning must be annual and rigid cutting back the previous year's growth in March from one-third to one-half. This is a quick method of thinning the fruit; for if the trees have made a good growth, as they should, under proper culture, they will set two or three times more fruit than they can bring to maturity. As a result, the fruit is premature and the tree is likely to die of over-production of seed. When planted, the tree should be cut back severely, leaving only one or two eyes to each branch.

- ***Belle of Georgia.** Very large, skin white with red cheek; flesh white, firm and of excellent flavor. Rapid grower, very prolific, fine shipper. Ripens with Crawford's Early.
- ***Carman.** Large, oblong, pale yellow, with deep blush; skin very tough, tender, juicy and fine flavor; very hardy and heavy cropper. August.
- ***Chair's Choice.** Deep yellow, red cheek, firm; a few days earlier than Smock. September.
- ***Champion.** Early, large, white with red cheek; rich and juicy. Early August.
- ***Crawford's Early.** Large, yellow Peach of excellent quality; tree vigorous and productive. Last of August.
- ***Crawford's Late.** Superb yellow Peach, of large size and excellent quality; great bearer. Middle of September.
- ***Crosby.** Medium size, orange-yellow and a good quality; ripens between Crawford Early and Late.
- ***Elberta.** Very large and handsome; flesh yellow, juicy and of excellent quality; one of the best. Ripens between Crawford Early and Late.
- ***Foster.** Large, yellow; resembling Crawford Early, but of better quality, ripening a little earlier.
- ***Greensboro.** A large, beautifully colored early peach, ripening with Amsden. Flesh white, juicy and excellent. One of the best early peaches.
- ***Hill's Chill** (Longhurst.) Medium, deep yellow, shaded with dark red; juicy melting, vinous; hardy, vigorous and productive. A good market sort. First of September.
- ***Mountain Rose.** Large, red Peach, with white flesh; juicy and good. Excellent for early market.
- Niagara.** Originated in Western New York where it has been well tested. Surpasses both Elberta and Crawford in size, color, quality and vigor. Early September.
- ***Oldmixon Free.** Large, white and red; flesh juicy and rich. A valuable hardy and productive variety, succeeding Crawford's Early.
- ***Steven's Rareripe.** White Peach of excellent quality; good bearer. Middle of September.
- ***Stump the World.** Red and white, good size; quality fair, but very productive. Middle of September.
- Willett.** Bright yellow, mostly covered with red; flesh, juicy and rich. September.

Quinces

- ***Orange.** Large, round, golden yellow; very productive. Ripe in October.
- ***Rea's Mammoth.** Large, fine variety of the Orange Quince; vigorous and productive.
- Champion.** Large, oval, bears very young.

Hardy Grapes

Black Varieties.

- Campbell's Early.** Clusters large and compact; flesh firm and tender; seeds few; quality rich, slightly vinous; ripens very early and keeps a long time.
- Concord.** A well-known and favorite variety; very hardy and productive; succeeds well everywhere. \$7 per 100.

- Moore's Early.** Bunch medium; berry large pulpy and of medium quality; vine hardy and moderately prolific. Desirable for an early crop. \$8 per 100.
- Worden.** Seedling of the Concord, but ten days earlier. Superior to it in flavor, but does not bear shipping so well. \$8 per 100.

Red Varieties.

- Agawam** (Rogers' No. 15.) Bunches very large under good culture; berries large, sweet and tender. Vine a good grower and very productive. Ripens early.
- Brighton.** Dark red, of the best quality. Equal to the Delaware, but much larger both in bunch and berry; early, vigorous and productive. \$8 per 100.
- Delaware.** Bunch small and compact; berries small, sweet and vinous; vine slender, but perfectly hardy to the Great Lakes. \$8 per 100.
- Gaertner** (Rogers' No. 14.) Bunches large; berries very large, light red, tender, sweet, pleasant; very showy; vine vigorous and productive.
- Lindley** (Rogers' No. 9.) Color a rich shade of red; flesh tender, with rich aromatic flavor; ripens soon after the Delaware; vigorous and productive.
- Salem** (Rogers' No. 53.) Bunch large and compact; flesh tender and juicy; ripens with Concord. One of the most popular and productive.

White Varieties.

- Moore's Diamond.** Bunch large; berry medium, yellowish tinge when ripe; very juicy and of good quality; vigorous and fruitful.
- Niagara.** Bunch large and compact; color pale green, changing to yellow when fully ripe. The flesh is tender, sweet and nearly equal to the Concord; ripens with that variety. The most popular white. \$6 per 100.
- Winchell** (Green Mountain.) The earliest white grape; berry and cluster good size; excellent flavor; vigorous and productive.

Blackberries

Plant in rows 6 feet apart, 3 feet apart in the row. In midsummer, when the canes attain a height of 4 feet, pinch off the tips, which will cause them to send out side shoots and become more stocky. To keep the bed in good condition, the old, weak and decayed wood should be cut out every season, leaving four or five of the strongest in each hill.

- Agawam.** Medium size; jet-black, sweet, melting to the core; fine early variety.
- Rathbun.** Berries extra large, jet-black and of good quality. It propagates itself like the Blackcap Raspberry from the tips of the branches.
- Snyder.** Fruit medium size, sweet and melting to the core; exceedingly hardy and productive.
- Wilson's Junior.** An early variety of good quality.

Blackberry, Erskine Park Seedless.

It originated on the Westinghouse estate in the Berkshires, at an elevation of 1,000 feet above sea level. The superintendent of the estate, Mr. Norman, writes as follows: "This Blackberry, sported from Kittatinny, was first brought to my notice by reason of its hardiness. We always tie the canes up to their fruitstalks in the fall, never protect them at all, and, as you know, they fruit right out to the tips of 6-foot canes. I do not grow any other variety, for its long fruiting season enables me to trust to that variety alone. The fruit is the largest berry I know, fine flavor, no core, no seeds."

Root Growth Remarkable.

Dowagiac, Mich.

The trees and shrubs arrived in good condition. Your stock is certainly all you claim. The root growth is remarkable.

Raspberries

Culture same as that of Blackberries. Black-cap varieties should be shortened to within 6 or 8 inches of the main stock in pruning.

Red Varieties.

Columbian. Fruit very large and purple; robust, hardy and very productive.

Cuthbert. Medium to large; deep, rich crimson; firm and of good quality. One of the best medium to late varieties.

Marlboro. Very early and hardy; fruit crimson and of good quality.

St. Regis Everbearing. Brilliant crimson, good quality; said to produce fruit for four months.

Black Varieties.

Gregg. Large and of excellent quality; season medium; a vigorous grower and very productive.

Kansas. Very large and firm, and of excellent quality; hardy and very prolific; one of the best varieties.

Currants

Two-Year-Old Plants, First-Class.

Plant either in spring or fall, in rows 6 feet apart, 3 feet apart in the row. The fruit is greatly improved by cutting out the weak growth and cutting back the previous year's growth one-third to one-half. To destroy the Currant worm, dust white hellebore one part, flour two parts, on the bushes when wet with dew after the leaves are fully expanded in spring. One application is a sufficient preventive of insect attack.

Black Naples. The best black variety, large and excellent.

Cherry. Fruit of very large size and very tart; plant vigorous, but not as productive as some of the other varieties.

Fay's Prolific. Probably the best red Currant; it has been planted very extensively and given general satisfaction. Less acid than the Cherry, and of excellent flavor and very productive.

Prefection. (New.) Berry larger than Fay's, clusters averaging longer; red, rich, mild sub-acid. This fruit was the first to receive the \$50 Gold Medal of the Western New York Horticultural Society, one of the most conservative societies in the country.

White Grape. The best white variety; very large and of mild flavor; excellent table variety.

Gooseberries

Two and Three-Year-Old Plants, First-Class.

Require the same culture as Currants, and are very useful not only when freshly picked, but are excellent for preserving. They should be allowed to become thoroughly ripened before picking.

Columbus. This is one of the most valuable introductions of recent years in small fruits, and it fully sustains the high opinion first formed of it. The fruit is of largest size, handsome, of a greenish-yellow color, and the quality is excellent. The plant is vigorous and productive and does not mildew. It merits a place in every garden.

Downing. Medium size, light green, of good quality. A strong grower and productive.

Industry. An English variety, large, dark red, rich, sweet and of good flavor, strong grower and very productive.

Red Jacket. (Josselyn.) Large, red American gooseberry.

Strawberries

Plant in beds 4 feet wide with an alley of 2 feet between them. Plant three rows in each bed, 15 inches apart in the row. For field culture, the rows should be 3 feet apart. Plant in early spring on good, fertile, sandy loam for best results. Pot plants set in July or August will produce a crop the following season. A light cover of stable litter in winter after the ground is frozen is very beneficial, but great care must be used not to put on too much or too early and to remove the covering in spring as the plants start to grow. New beds should be planted every other year, as two crops from a planting is all that is profitable. The varieties marked "P" have pistillate or imperfect flowers, and must be planted near other varieties in order that the flowers may be fertilized.

Brandywine. Large, conical form and of good quality. Very prolific; valuable old variety.

Bubach. (P.) Fruit large; roundish, scarlet and moderately firm; fair quality; plant a strong grower and very productive; succeeds on both light and heavy soil; early to medium.

Gladstone. Fruit large and of fine quality; plant healthy, vigorous and very productive; medium to late; one of the best.

Marshall. Very large, dark crimson; firm and of excellent quality; plant vigorous and productive; medium to late. One of the best varieties for home use or market.

Michel's Early. Berry medium to large, bright crimson, firm, and of fair quality; plant a strong grower; exceedingly early and productive.

McKinley. Very large, conical, sometimes flattened; color crimson. On account of its vigor and great productiveness we recommend it for home use or market; medium to late.

Nick Ohmer. Cone-shaped berries of large size; crimson; flavor rich and a good shipper; medium to late.

President. (P.) Very attractive, large red berries; dimpled at ends; very rich and meaty; late and productive.

Asparagus

Prepare the ground by trenching to the depth of 2 feet, mixing each layer of soil, as turned over, with 2 or 3 inches well rotted manure. For private use, or for marketing, on a small scale, beds should be formed 5 feet wide, with three rows planted in each—one in the middle and one on each side a foot from the edge; the distance of the plants in the rows, 9 inches; the alleys between the beds should be 2 feet wide. In planting, a line is set and a cut made, a little slanting, to the depth of 6 or 8 inches, according to the size of the plants. The plants are then laid against the side of the trench at the distance already named—9 inches—care being taken to properly spread the roots. The crown or top of the plant should be covered about 2 inches. In a week or two after planting, the beds should be touched over lightly with a sharp steel rake, which will destroy the germinating weeds.

Barr's Mammoth. Large green variety, excellent for a market sort.

Columbian Mammoth. A vigorous white variety of excellent quality.

Conover's Colossal. Large shoots; of vigorous growth.

Palmetto. Larger than the Conover's and a heavier yielder.

Rhubarb

Plant 3 feet apart each way. Fertilize well late in the fall, spading in the fertilizer in the spring.

Myatt's Linnaeus. Large; early, tender.



Center path in the garden of Wm. Rockefeller, Tarrytown, N. Y., showing Iris and Peonies

Hardy Perennials

Ordinary 15 cts. each, \$1.50 per dozen, \$10 per 100; Extra Heavy, 25 cts. each, \$2.50 per dozen, \$15 per 100. 6 at dozen, and 50 at 100 rates, provided not less than 3 of a kind are ordered.

From the beginning the Rosedale Nurseries have made a leading specialty of Perennials. While we do not carry a large number of varieties, yet we grow a very select list of the best and hardiest. For example: We have not had the ambition to carry a large number of varieties of peonies, having eliminated many of the common sorts. While we do not call ourselves peony cranks or peony specialists, we aim to carry a hundred of the finest kinds attainable. Why more? This would give us a dozen of the best white varieties, a dozen of the best flesh, a dozen of the best salmon, and so on through the different shades of the deepest crimson.

ANEMONES. Double and Single. Among the finest flowers for masses of bloom or for cutting. Some of the flowers are 4 inches across. They bloom in great profusion from September to November. 2 to 3 feet high.

Japonica alba. A fine large pure white.

Queen Charlotte. Large, semi-double flowers of La France rose pink, a color as rare among flowers as it is beautiful.

Whirlwind. A pure white semi-double variety.

ACHILLEA Ptarmica fl. pl., The Pearl. Milfoil.

Dense masses of flowers from June to October, 2 feet high, of purest white.

ACONITUM. Monkhood. Does well under trees or in shady places.

Napellus. Large, dark blue flowers. 2 to 3 feet. May and June. 20c. each; \$2.00 per dozen.

Spark's Variety. Darkest blue of all. 5 to 6 feet. June to August. 25c. each; \$2.50 per dozen.

ANCHUSA. Bugloss. Variety Dropmore. Large blue flowers. May to July. 20c. each; \$2.00 per dozen.

Design for proper arrangement of plants to give pleasing effects furnished at moderate cost. We have given attention to the matter of old-fashioned flowers a number of years, believing them far superior to the ordinary bedding plants and have furnished many of the finest estates with plans and plants.

From Ontario, Canada.

Peonies and phlox roots came duly to hand. You certainly did yourself proud on these. I have a few from two other sources this year but neither could touch yours with a broom handle. It is pleasant to receive good healthy roots. I expect to make you out an order for roses towards spring.

From Philadelphia, Pa.

It may be of interest to you to have an acknowledgement of the receipt of the peonies which you shipped to the writer. These came in fine shape and were superior in size of root and budding characteristics to any we have previously purchased.

Omaha, Nebr.

I want to thank you for the kind of Japanese Iris you sent me. These are the finest I ever saw and arrived in good condition. Plants of the kind you sent me are the kind that makes your customers order from you more than once.



Anemone, Queen Charlotte

**Aquilegia**

AQUILEGIA. The Columbines are old favorites that succeed in any garden; they are beautiful in flower and foliage. The following are the best:

California Hybrids. A grand mixture.

Canadensis. Our native Columbine; bright red and yellow.

chrysantha. The beautiful golden-spurred variety.

Erskine Park Hybrid. This strain of Aquilegia originated at Lenox, Mass., by Mr. E. J. Norman, his result of hybridizing the finest of European and American varieties. Colors include blue, lavender, white, yellow, scarlet and pink.

ASTILBE. Goat's Beard. Herbaceous Spirea. One of the most beautiful flowers in cultivation. They like partial shade; fine for cutting.

astilboides floribunda. White flowers; compact and graceful.

Japonica. The old favorite.

Gladstone. Large white; one of the best.

palmata elegans. A free-flowering silvery pink form.

Queen Wilhelmina. Pure white.

Above \$1.50 to \$2.50 per dozen, according to size.

Peach Blossom. Light rose, new. 20c. each; \$2.00 per dozen; extra large, 30c. each; \$3.00 per dozen.

Queen Alexandra. Fine pink, new. 20c. each; \$2.00 per dozen; extra large, 30c. each; \$3.00 per dozen.

ASTERS. Hardy. These late flowering hardy plants give a wealth of bloom during September and October. They grow freely in all soils and should be planted in masses of one kind for best effect.

Aster, Beauty of Colwall. Perfectly double flowers of a very pleasing shade of lavender, very freely produced on stout erect stems, about 4 feet high. 25c. each; \$2.50 per dozen.

Grandiflorus. Very fine flowers often measuring 2 inches in diameter of beautiful violet blue. The latest to flower, it gives a wealth of bloom in October and November.

Laevis. Blue flowers; large; early; 3 to 4 feet.

Novae-Angliae. New England Aster. Bright violet-purple; 4 feet.

Novae-Angliae roseus. A charming variety of the above, with all shades of rose and crimson. Most beautiful of all hardy Asters. Will not endure much shade. 3 to 4 feet.

Aster St. Egwin. Pure pink, compact habit. 3 feet. September and October. 20c. each; \$2.00 per dozen.

BOLTONIA. False Chamomile. Among the showiest of our perennial plants, with large, single aster-like flowers. The plant is in bloom during the autumn months, and with its thousands of flowers open at one time, it produces a very fine effect.

asteroides. Pure white; very effective. \$1.00 per dozen.

latisquama. Pink, slightly tinged with lavender.

FROM AN OLD CUSTOMER.

Will you please be good enough to send to Mrs. ———, Lakewood, Ohio, a catalogue? Just say that I requested this and as I have told her that you were in a class by yourself when it comes to posies I know you will live up to your privileges. Am a New Yorker even when in Ohio.

**Astilbe.** A good collecting agency for Rose Bugs.

**Boltonia**

CAMPANULA. (Bellflower.) Elegant genus; rich in color, profuse in bloom and of easy culture.

carpatica. Grows in tufts, 6 to 8 inches high; flowers clear blue. June to October.

persicifolia. (Peach Bells.) Grows 1½ to 2 feet high and produces an abundance of blue, salver-shaped flowers during June and July.

alba. A pure white form of the above.

gigantea Moerheimi. A giant new sort with large spikes of double flowers 2 to 2½ inches in diameter. Blooms from the last of May to late in July. 35c.; \$3.50 per dozen.

pyramidalis. A most striking plant for the border, a perfect pyramid 4 to 5 feet covered with large, blue flowers in September. 25c.; \$2.50 per dozen.

rotundifolia. (Blue Bells of Scotland.) This is the true Harebell or Bluebell famed in song and story, with beautiful clear blue flowers from June to August. 12 inches.

Medium. (Canterbury Bells. Cup and Saucer.) Without doubt this is the finest type of the old-fashioned, much-prized garden plant.

CENTAUREA pulcherrimus. (Cornflower or Bachelor's Button.) Delicate pink. 2 to 2½ feet.

montana. Blue.

montana alba. White.

CHELONE. (Shell-Flower.) Stately, handsome perennials, growing 2 feet high; bearing numerous spikes of large flower heads during the summer and fall.

Chelone Glabra alba. Terminal spikes of creamy white flowers. 2 feet. August.

Lyonii. Heads of deep red flowers; very fine.

CHRYSANTHEMUMS. (Hardy Pompons.) 10c. each; \$1.00 per dozen; \$8.00 per hundred. 50 at hundred rate, provided not less than six of a name are ordered.

Hardy Large-flowered Varieties. These and the preceding varieties are the old-fashioned Chrysanthemums that used to be in every garden. They are perfectly hardy, and make a brave show of color late in the fall, after all other flowers are gone.

CHRYSANTHEMUM. (Moonpenny Daisy.)

maximum, Triumph. A strong-growing perennial about 2 feet in height, which continues in bloom from July until October; flowers daisy-like, 3 to 4 inches in diameter, with a golden center; of great substance lasting a week or more when cut.

Leucanthemum (Shasta Daisy.) Advertised as a California Wonder. 10c. each.

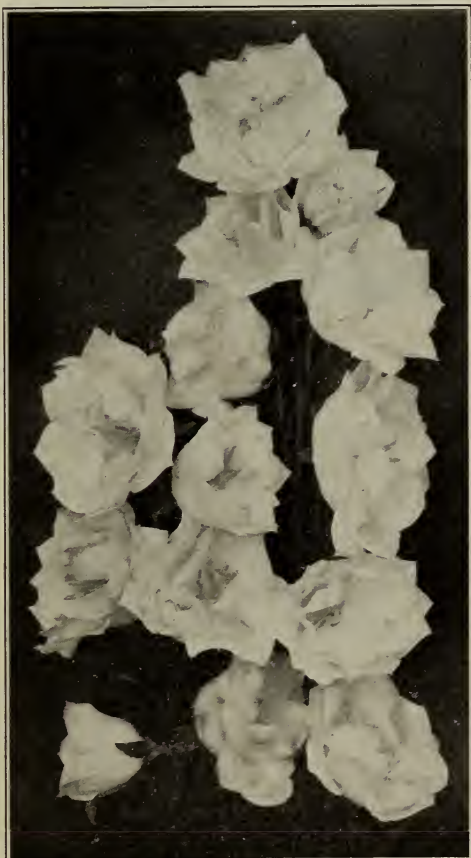
CLEMATIS, Shrubby. This type of Clematis is deserving of the greatest popularity, and should be in every collection. They form bushes 2 to 3 feet high and during their long bloom are very attractive.

Davidiana. A most desirable blue variety, with fresh, bright green foliage and tubular, bell shaped flowers; very fragrant; erect habit. August and September.

recta. Another fine variety with handsome, pure white flowers. June and July. They are very attractive during their long period of bloom, followed by hairy-like seed capsules. 3 to 4 feet. 25c.; \$2.50 per dozen.

COREOPSIS lanceolata grandiflora. One of the most popular plants. The flowers are of a rich golden yellow of graceful form and invaluable for cutting. The main crop comes during the latter part of June, but it continues in bloom, more or less, the entire summer and autumn.

CONVALLARIA. Lily-of-the-Valley. One of the charming spring flowers. We offer very strong clumps which will give twelve to twenty spikes of bloom the first season after planting. Plant in autumn or very early spring. 25c.; \$2.50 per dozen; \$17 per 100.

**Campanula Moerheimi.**



Delphinium

DELPHINIUM. (Hardy Larkspur.) What is more graceful in the flower bed than the delicate blue Larkspur? Bold, attractive and perfectly hardy, it is of the easiest culture and will establish itself in almost any garden soil. Plant early in the spring in deep soil in a sunny position. Cut out the old flower-spikes as soon as through flowering and a succession of bloom will be the result.

Belladonna. Probably the finest of this fine family; beautiful sky-blue flowers, always in bloom. 2 to 3 feet. 25c. each; \$2.50 per doz.

Erskine Park Hybrids. These choice Hybrids were developed from a number of the best English varieties grown by E. J. Norman, of Erskine Park, Lenox, and are sure to please all who see them. They are the most vigorous in growth we have seen, and give a profusion of bloom unsurpassed by any. 20c. each; \$2.00 per dozen.

formosum. The old favorite dark blue variety; grows 3 to 4 feet high, and is in flower almost continuously from June to frost.

formosum coelestinum. A new variety of Formosum, of light color and an exquisite bloom.

Gold Medal Hybrids. Mixed. No finer strain has ever been produced. The plants we offer are a re-selection from a choice collection. 20c. each; \$2.00 per dozen.

DIANTHUS barbatus. (Sweet William.) Choice strain of mixed colors.

deltoides. (Maiden Pink.) A low-growing, creeping variety with pink and white flowers; fine for rockery.

arenarius. (Sand Pink.) A single-flowering variety of the common garden Pink; very sweet.

plumarius semperflorens. These are the old favorite hardy garden pinks, bearing sweet, clove-scented flowers in May and June.

Carmen. Flowers fragrant; light pink.

DICENTRA. Bleeding-Heart. Combines a fern-like grace with the flowering qualities of a good hardy perennial.

DIGITALIS. Foxglove. These well-known plants give a wealth of bloom in June and July; are very effective in shrubbery and other half-shady places. \$1.00 per dozen; \$7.00 per 100.

gloriniæflora. Very ornamental; color of the flowers varying from pure white to deep pink. We offer these in white, purple, lilac, rose and mixed colors.

DORONICUM excelsum. (Leopard's Bane.) No plant is more effective than this for early bloom. Orange-yellow flowers 3 to 4 inches in diameter, on stems 18 to 20 inches long.

ECHINACEA purpurea. Purple Coneflower. Is without doubt one of the most interesting of hardy plants. It has reddish purple flowers, 4 inches in diameter. 3 to 4 feet. July and August.

EDELWEISS. See Gnaphalium below.

ERIANTHUS. See Grasses.

ERIGERON SPECIOSUS. Large solitary bluish-lilac flowers. June and July. 18 inch.

ERYNGIUM. (Sea Holly.) Handsome ornamental plants from 2 to 3 feet high; well suited for borders, woodland, wild gardens, etc. The flower heads, which are produced from July to September, are useful to cut for vases or to dry for winter bouquets.

amethystinum. The finely cut, spiny foliage and beautiful thistle of amethyst-blue make this a very ornamental plant. 20c.; \$2.00 per dozen.

EULALIA. See Grasses.

FEVERFEW. (Little Gem.) This useful cut flower, double white on stem, 12 inches high, blooms from June to October.

FORGET-ME-NOT. See Myosotis.

FOXGLOVE. See Digitalis.

FUNKIA. (Plantain Lily.) The different species are free-flowering, with spikes of bell-shaped flowers, but the chief value is in the foliage.

caerulea. Blue flowers; broad green leaves.

subcordata grandiflora. Pure white, lily-shaped, large, fragrant flowers in clusters. This day lily is very attractive in bed or border.

undulata media picta. Green and white variegated foliage; purple flowers.

GAILLARDIA grandiflora. (Blanket-Flower.) One of the most effective and showy hardy flowering plants; beginning to flower in June, they continue one mass the entire season; they will thrive in almost any soil, but respond freely to liberal treatment. One flower is often a combination of yellow, orange and deep crimson.

Gaillardia grandiflora compacta. A compact variety, mixed colors, 12 to 15 inch.

grandiflora superba. Blood-red flowers.

sulphurea oculata. Sulphur maroon eye, semi-double mixed.



Hardy Ornamental Grasses.

GEUM ATROSANGUINEUM fl. pl. A beautiful hardy perennial bearing large, showy flowers all through the summer; fine for bouquets. Double dark crimson flowers. 1½ feet.

GNAPHALIUM. (Edelweiss.) The famous Alpine flower suitable for rock work, etc. 6 inches.

GRASSES, Hardy Ornamental. These make very attractive groups.

Eulalia gracillima univittata. Compact in habit; narrow foliage, bright in color, with a silver mid-rib.

E. Japonica variegata. A very ornamental variety, striped green and white, and often yellow; flower-stalks 4 to 6 feet high.

E. Japonica Zebrina. (Zebra Grass.) The long blades of this variety are marked with bright yellow bands across the leaf.

Pennisetum longistylum. Graceful greenish-white plumes, fine for beds or dried bouquets. 2 feet.

GYPSOPHILA. (Baby's Breath.) These beautiful flowers of easiest culture delight in open, rather dry places; they are especially desirable for rock-work; also good for covering unkempt places with a mass of delicate bloom.

paniculata. A very elegant light and graceful perennial; when in bloom during August and September it forms a symmetrical mass. 2 to 3 feet in height, of minute pure white flowers, forming a beautiful gauze-like appearance. Excellent for cutting.

flore pleno. (Double Flowering.) This grows a little taller than the single form *paniculata*, and blooms at the same time. 25c. each; \$2.50 per dozen.

HELIOPSIS autumnale superbum. Grand yellow blooms in September.

superbum rubrum. It has a strong growth, 5 to 6 feet and from the middle of August to the end of October it is covered with flowers of a lovely rich crimson, which on opening are old-gold suffused with bright terra-cotta, changing as they mature, to a wallflower-red.

pumilum magnificum. A fine cross between *H. pumilum* and *H. autumnale superbum*. It grows 2½ feet high, and produces a great number of large yellow flowers, from June till autumn.

HELLIANTHUS. Hardy Sunflower. Where large borders are planted, the perennial Sunflowers are among the most effective hardy plants. They are admirably free-flowering, succeed in any soil, and are fine for cutting.

orgyalis. Tall variety, 6 feet high, with medium sized, single, golden-yellow flowers during September.

wooley dod. Deep yellow flowers in September.

HELIOPSIS Pitcheriana. (Orange Sunflower.) Growing 3 to 4 feet high, and a perpetual bloomer; deep golden yellow, about 2 inches in diameter; very graceful for cutting.

HEMEROCALLIS flava. Few plants can be grown with so little trouble in the border and give such a valuable return as this one. It is so fragrant that it is sometimes called the yellow tuberose. The beautiful light green foliage curving gracefully is suitable for banks.

Kwanso fl. pl. A very free-flowering variety, with double flowers of rich copper color; 3 to 4 feet.

Thunbergii. Lemon-yellow, flowering in July and August. 3 to 4 feet. Excellent for cutting.

HEUCHERA sanguinea. Alum-Root. Coral Bells, Crimson Bells. Beautiful scarlet flowers all summer. A showy plant, nice for cutting. One of the best plants for the hardy border, as it keeps up a continuous succession of bloom practically all season.

alba. Sprays of white flowers; a good selected form.

HIBISCUS. (Rose Mallow.) A valuable border plant, having handsome bright leaves and large showy blossoms.

albus. (Crimson Eye.) Large, showy white flowers; crimson eye. 4 to 5 feet. Blooms in August.

moscheutos. Purplish red to nearly white, with darker eye; 5 feet; July to September.

rosens. Large showy rose flowers. 4 to 5 feet.

HOLLYHOCK (*Althea Rosea*.) One of the noblest of hardy plants. It is well fitted to break up ugly lines of shrubs or walls by its tall, stately growth. Deep cultivation, much manure and frequent watering in dry weather will secure fine spikes.

Double. Flowers form rosettes of lovely shades of yellow, crimson, rose, pink, orange and white.

Allegheny Fringed. Semi-double, graceful and beautifully fringed at the edge of the petals; flowers 5 to 6 inches in diameter.

Old-Fashioned Single. The old-time favorites in choice mixture. Any of above 20c.; \$2.00 per dozen.

Newport Pink. Originated in one of the famous gardens at Newport, R. I. Very double, pure pink. 25c.; \$2.50 per dozen.

HYPERICUM Moseanum. St. John's Wort. A beautiful, somewhat shrubby plant, dwarf habit; free and graceful; blooms in profusion all summer; flowers measure 2 to 2¼ inches in diameter. A rich golden yellow. 25c. each.



German Iris

German Iris

Early September is the best time to plant German Iris, although they may be safely planted almost any time from April 1st to October 1st.

Large stock, low prices.

Strong divisions named, per dozen, \$1.00; per 100, \$6.00.

Strong divisions mixed, per dozen, 60 cents; per 100, \$4.00.

Heavy clumps named, per dozen, \$1.50; per 100, \$10.00.

Heavy clumps mixed, per dozen, \$1.00; per 100, \$6.00.

The following abbreviations are used: S means standards or upper petals. F means falls or lower petals.

Augustina. Deep yellow, marked with maroon, giving a coppery hue.

Aurea. S and F. Light yellow, large flowers of perfect form; the finest pure yellow. 35c. each.

Bessie. S—yellow. F.—brown.

Celeste. Pale azure blue.

Common Purple. Purple; one of the best.

Darius. S. Rich canary yellow. F. Lilac, margined white, rich orange beard; one of the most distinct and beautiful. 20 inch.

Florentina alba. Creamy white, faintly flushed lavender; the blooms are quite fragrant and are produced early in the season; fine for cutting. 2 feet.

Florida. S. Citron yellow. F. Deeper yellow beautifully veined. 15 inches.

H. Cramer. Delicate pale blue.

H. Darwin. 30 inch. Late. S. Pure white. F. White, finely reticulated. One of the most charming whites. 25c.

Innocenza. S and F. Ivory white, creast rich golden; a very delicate and showy flower.

Jacquesiano. S. Bright coppery crimson. F. Rich maroon, very handsome; a most distinct and beautiful variety. 30 inches. 25c.

Lady Stump. Lavender and dark blue.

L'Avenir. Lavender; a beautiful shade.

La Tendre. S. Pearly white, somewhat smoked. F. Blue.

Liabaud. S. Yellow. F. Maroon; fine.

Mrs. Neubronner. Very deep golden yellow, darker than Aurea; very fine. 35c.

Madame Chereau. White, elegantly frilled with a wide border of clear blue; one of the most beautiful. 32 inches.

Silver King. Pure white flowers; distinct and fine.

Trautlieb. New. S and F. Lovely uniform soft rose; very fine. 75c. each.

Pallida Section

25 cts. each; \$2.50 per dozen.

Albert Victor. S. Soft blue. F. Beautiful lavender; large and fine. 40 inches.

Her Majesty. New. S. Rose pink. F. Bright crimson, tinged a darker shade.

Pallida Dalmatica. S. Lavender. F. Clear deep lavender, flowers very large, extra fine. A grand variety for massing and for cut flowers.

Juanita. S. and F. Clear blue, deeper than Dalmatica. Tallest of all the beardless irises; foliage long and drooping; flowers large and fragrant. 75c.

Pallida Speciosa. S. Dark lavender, shaded lighter. F. Shaded bright purple. 42 inches.

Queen of May. A lovely soft rose-lilac, almost pink; beautiful.

Speciosa. Dark lavender, falls light purple.

Pumila Section

20 cts. each; \$2.00 per dozen.

Pumila Bridesmaid. S. White shot with pale blue. F. Soft yellow shot pale blue. 10 in.

Cyanea. S. Rich bright blue. F. Dark satiny blue; large and handsome.

Fairy New. S. Pale blue. F. Deep blue. 35c. each.

Formosa. S. Violet-blue. F. Violet-purple, with conspicuous white beard.

Lutea. Creamy yellow.

Pumila Violacea. Light purple, large flowers; very rich and effective when bordering the taller forms.

New Hardy Alpine Irises

These are perfectly hardy and useful for border or for forcing. They bloom before German Iris.

Fine Mixture, \$1.00 per dozen; \$6.00 per 100.

Various Irises

\$0.75 per dozen; \$4.00 per 100.

Pseudacorus. (Common Water Flag.) Whoever has in his garden a pond, ditch or even a thoroughly damp spot ought to plant this Flag; 2 to 3 feet. Yellow.

Sibirica. (Siberian Flag.) 2 to 3 feet high, with narrow grassy leaves; showy blue flowers, beautifully veined with white and violet.

Japanese Iris-Kaempferi

Flower 9 to 12 inches in diameter; will grow in almost any soil that does not become too dry in summer. Prefer a warm sunny location. Prices: 15c. each; \$1.50 per dozen; \$10.00 per 100. A superb mixture made from these varieties, \$7.00 per 100. Our river bottom land produces extra fine plants at low cost of production, hence these low prices, 6 at dozen rate, 50 at 100 rate, provided not less than 3 of a name are ordered.

This set of varieties was selected from a large number of the best Japanese introductions and is, without doubt, as fine as any collection offered.



Japanese Iris

Spring is the best time to plant Japanese Iris. They are very easy of culture and are unsurpassed in wealth of bloom by few, if any, perennials. Order by number.

- NO.
1 **Iso-no-nami**—Silvery white, veined violet.
15 **Gekka-no-nami**—Dense, pure white, yellowish blotches, petaloid stigmas; six petals.
65 **Ho-ojo**—Ruddy crimson, primrose blotches, with white halo; petaloid stigmas white tipped with purple; six petals.
20 **Kuma-Funjin**—Purple, overlaid with navy-blue, two standards; petaloid stigmas purple and blue; large orange blotches; six petals.
24 **White**—suffused with violet.
50 **Rocky**—Velvety crimson.
56 **Kakujakuro**—Blue with purple heavily feathered white; yellow blotches; standards blue; edged white; petaloid stigmas white; tipped blue; large flowers.
59 **Osho-kun**—Intense tyrian blue; yellow blotches radiating into white; petaloid stigmas dark violet; six petals.
61 **Blue Jay**—Sky blue, veined white.
62 **Misutmoshito**—Three petals; white mottled with violet purple.
71 **Pyramid**—Light violet blue, slightly veined white, very fine.
75 **Deep Crimson-amaranth**—Yellow center.
91 **Kanran**—White, densely veined with rich violet.
4 **Yomo-no-umi**—The finest double white.
5 **Koki-no-iro**—Light violet with white veins.
12 **Shippo**—Light lilac densely veined with purple.

- 40 **Kanarinishiki**—Grayish-white, marbled with violet-purple.
11 **Hano-no-nishiki**—Violet purple veined with white.
14 **Shishi-ikari**—White ground, veined with dark purple.
16 **Kumoma-no-sora**—Silvery white, suffused throughout with soft, light blue; the largest three-petaled variety in cultivation. 25c. each.
51 **Sho-jo**—White, heavily veined violet.
57 Six petals; silvery gray, suffused and veined.
77 **Yayaura**—White, occasionally marked with light violet.

LUPINUS polyphyllus roseus. Pink.

polyphyllus. Blue.

polyphyllus. White.

LYCHNIS (Campion; Lamp-flower.) A diminutive form of *L. Viscaria*, the tufts seldom being more than a few inches high; grown without difficulty in the rock-garden or in rather moist, sandy soil; May and June.

Chalcedonica. A very desirable plant, bearing brilliant, orange-scarlet flowers; 2 to 3 feet high; blooms all summer.

viscaria splendens fl. pl. (German Catchfly.) Forms a dense tuft of evergreen foliage surmounted by double, deep red, fragrant flowers, remaining in perfection for six weeks, during May and June.

MONARDA. (Bee Balm.) Showy flowers of the simplest culture, thriving everywhere. Excellent for naturalizing in woods and shrubberies.

didyma. (Oswego Tea.) Robust; about 3 feet high; flowers bright scarlet, continuing in bloom a long time in summer.



Iris Sibirica

Phlox

Following the Iris and Peonies in time of bloom, but in no way behind them in popularity, are the Hardy Perennial Phloxes. We have finally succeeded in getting up a good stock of some of the varieties which are always short at planting time. We have weeded out all the magentas and purples and believe that our list is as select as that offered by any firm. As the blooms are fading cut off flower spike and second blooming season will nearly equal the first.



Phlox—Miss Lingard

Blooming size, \$1.50 per dozen; \$10.00 per 100. Except as noted.

Large clumps, XX, 20c. each; \$2.00 per dozen; \$15.00 per 100.

Six at dozen rate, 50 at 100 rate, provided not less than six of a kind are ordered.

America. Salmon pink, deep pink eye. 20c.

Asia. Red, white eye. 25c.

Bridesmaid. White, with large crimson center.

Coquelicot. Fine, rich scarlet with deep carmine eye.

Dawn. Light delicate pink, darker center; free bloomer, medium height. 20c.

Dr. Chareot. Dark violet; very attractive, large flowering variety.

Eiffel Tower. Large flowers; chaste, pure salmon with purple eye. Tall grower.

Elizabeth Campbell. Very bright salmon-pink, with lighter shadings and dark red eye; one of the handsomest.

Eugene Danzenvillier. Lilac, shading white at the edges.

Europe. White with decided crimson carmine eye; individual trusses and flowers very large, sturdy, erect habit. 25c. each.

Frau K. Buchner. Undoubtedly the finest pure white phlox which has as yet been raised. It has a strong habit and produces flowers of an enormous size and perfect form.

Fort du France. Salmon, shaded rose. 20c.

Geo. A. Strohlein. Bright scarlet, with crimson red eye. A large flower; color does not bleach in the sun.

Independence. Large, pure white.

La Candeur. Pure white, strong grower.

Louis Le Grande. Deep wine red; flowers very large.

Lothair. Large; rosy salmon, with crimson eye.

Matador. Large flower; bright orange-red. Distinct and fine.

Miss Lingard. We offer a fine stock of this new ever-blooming variety. This Phlox blooms in May, fully six weeks earlier than the other sorts and continues in bloom three months; a grand white variety, which should be in every collection.

Peachblow. Delicate pink, deep rose center; rather dwarf habit, splendid trusses.

Purity. Snow-white.

Queen. Pure white. One of the best.

Rheinlander. A beautiful salmon-pink with flowers and trusses of immense size; the color of the flower is intensified by a very decided eye of a deep claret red. 25c. each.

Rynstrom. A grand new Phlox resembling Pantheon but with larger flower-heads; a soft clear pink, medium height and strong grower. 25c. each.

R. P. Struthers. Bright rosy-red; crimson eye.

Thor. A most beautiful and lovely shade of deep salmon pink suffused and overlaid with a scarlet glow and a light, almost white halo around its aniline-red eye. This variety will undoubtedly hold the same place among deep salmon pinks that Elizabeth Campbell holds among the light salmon. 25c. each.

Von Lassburg. Purest white, individual flowers very large.

W. C. Egan. One of the finest Phloxes yet introduced and while the individual flowers according to the color-chart are of a delicate lilac color, illuminated by a large bright solferino eye, the color effect as a whole is a delicate pleasing shade of soft pink. 35c. each.

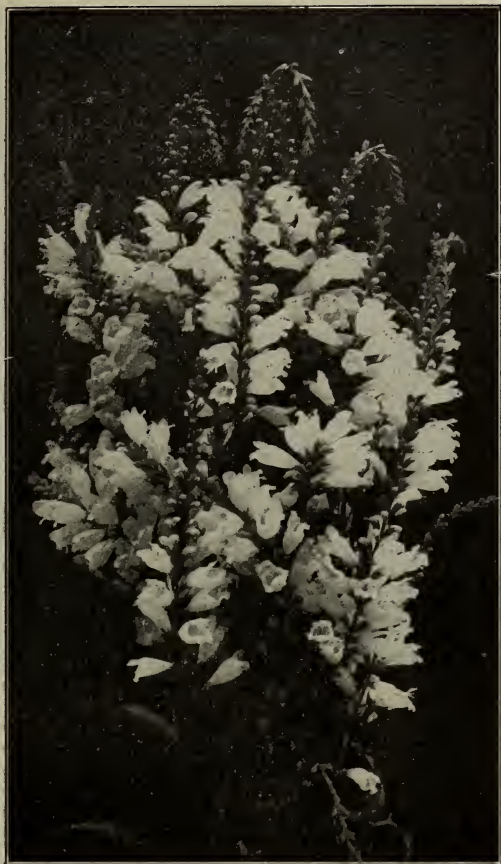
Phlox amœna rosen. Beautiful plant and pretty pink flowers, very early. 5 inches.

Phlox subulata. (Moss Pink.) Rose-pink; blooms in May; useful for trailing over rocks.

MYOSOTIS. Beautiful alpine plants charming in all ways for rock-gardens.

Dissitiflora. Deep green foliage and attractive deep blue flowers.

palustris. A variety that is hardly ever out of flower; useful for a shady spot in the border; should be grown in partial shade or as a carpet to taller subjects, in moist well-drained soil.

**Physostegia**

PAPAVER nudicaule, Iceland Poppy. Handsome for the rock garden, forming rich masses of cup-like flowers of rich yellow color; 12 to 15 inches high. Should be treated as an annual. Blooms from June to October.

orientale. Oriental Poppy. This is the most showy and noblest of all the Poppies. Effective for borders or in the shrubbery. Scarlet flowers, 6 inches in diameter, borne on stems 3 feet high.

PENTSTEMON. Bear-Tongue. Most desirable perennials for either border or rockery. They like a friable loam, with a mixture of well-decayed leaf-mold and sharp sand.

Barbatus Torreyi. Spikes of brilliant scarlet; very effective; height 2 to 3 feet; June to August.

pubescens. Bright rosy-purple. June and July. 1 foot.

PYRETHRUM roseum. (Feverfew.) Colors range from snow white to intense scarlet and crimson.
double mixed.

uliginosum. Giant Daisy. Grows 4 to 5 feet high and is covered with large white daisy-like flowers 3 inches in diameter. July to September.

Physostegia Virginica. (False Dragon Head.) Handsome perennials, forming dense bushes 3 to 4 feet high, bearing long spikes of delicate tubular flowers. Soft pink.

PLATYCODON. (The Balloon Flower.) Closely allied to the Campanulas, bearing a succession of flowers from June until October.

grandiflorum. Deep blue cupped, star-shaped flowers; 1½ to 2 feet.

grandiflorum album. A white-flowered form of the above.

Mariesa. Deep blue, bell-shaped flowers, nearly 3 inches across, on plants 2 feet high.

PRIMULA veris superba. Giant form of the English Cowslip, producing individual flowers from 1 to 2 inches across. Color canary-yellow, with golden center.

RUDBECKIA. (Cone-Flower.) This is the genus to which the Golden Glow belongs—

laciniata Golden Glow.

Newmanni (speciosa), orange yellow flowers with range from snow white to intense scarlet and crimson. \$1.00 per dozen; \$7 per 100.

purpurea, see Echinacea.

SALVIA azurea grandiflora. Rocky Mountain species; pretty sky-blue flowers. 3 to 4 feet. August and September.

SCABIOSA. (Mourning Bride.)

caucasica alba. Pure white.

japonica. Lavender.

SEDUM spectabile. (Showy Sedum.) Most popular variety. Its flat heads of showy rose colored flowers, mounting the stems, densely clothed with gray foliage are very attractive.

STATICE LATIFOLIA. (Everlasting flower.) Large deep blue flowers. 1½ feet.

STOKESIA cyanea. This is one of the best blue flowers, blooming from early in July to late October. Flowers handsome lavender-blue, 3 to 4 inches in diameter; effective in masses or beds; it grows almost 20 inches high and is of easiest culture.

TRITOMA Pätzeri. (Torch Lily.) For color effect in orange-scarlet, nothing equals this free-flowering easily-grown plant. The spikes are 3 to 4 feet high, and heads of bloom 10 to 12 inches long. July to September.

VERONICA. (Speedwell.) The Speedwells are mostly natives of New Zealand, flowers being of a blue shade, varying to rose and dull white. They succeed in any garden soil in sunny situations. The low-growing forms are good for rock plants.

V. gentianoides. About 2 feet high, with pale blue flowers.

longifolia subsessilis. A pretty species with blue flowers produced on spikes 1 to 1½ feet long, continuing in bloom the entire summer.

VINCA cerulea minor. (Myrtle, or Periwinkle.) A blue-flowering, trailing evergreen. Excellent for carpeting the ground under trees where grass will not grow. \$1.00 per dozen; \$7.00 per 100.

VIOLA altaica lutea. (Tufted Pansy.) These plants are becoming general favorites. If planted in a partially shaded bed they will flower for nearly eight months of the year. While the yellow flowers are not as large as those of the pansy, their bright colors will make them welcome additions to the garden. \$1.00 per dozen; \$7.00 per 100.

YUCCA filamentosa. (Adam's Needle.) This has no rival in its peculiar habit and style of growth. The effect of Yucca is equal to that of any hot-house plant that may be planted in the open air for the summer, while they are green and ornamental at all seasons. The Yuccas are so vigorous that it is almost impossible to kill them. When first planted they die down to the ground, but if left alone, they will renew their growth, 25c. each; \$2.50 per dozen. Very large, 35c. each; \$3.50 per dozen.

Montreal.

"The roots arrived O. K. today in perfect condition and I must say that they are larger and healthier than I have bought elsewhere."

Peonies for Fall Planting

NO FLOWERS exceed the Peonies in popularity; and none are more easily grown. They are seldom attacked by insects or disease, and are perfectly hardy, requiring no covering in the severest weather. They thrive in all kinds of soil and flourish in a rich, deep loam. They demand much moisture at blooming time, and if grown in partial shade the blooms will, therefore, last longer and be equally fine in other respects.

No hardy perennial is of more permanent value than the Peony. The first cost is the only cost, and they continue to increase in size and value for many years. The foliage is rich and of beautiful deep green color, which renders the plant very ornamental even when out of flower, and no other flowers are so well adapted for interior decoration and none make more massive color effect when planted in a border or in a bed on the lawn. Their popularity has increased during the past few years since the new improved varieties have been disseminated. Peonies range in color from cream and pure white through the various shades of pink and red to the deepest purple and maroon, in all possible combinations of tint and form.

Seven Good Reasons for the Popularity of the Peony

As given by Prof. J. Eliot Coit in the Cornell Peony Bulletin:

1. They are easy to grow; anyone can raise glorious Peonies with less trouble than it takes to grow roses.
2. Peonies well established are permanent features in the garden, or at least as permanent as is desirable.
3. Peonies are perfectly hardy wherever apples can be grown, passing through the most severe winter without injury, and being very easily protected where not hardy.
4. The blooms are large, showy, of various forms, and of all shades of color from white to purple, even pale yellow.
5. Many of the varieties are deliciously fragrant.
6. They are practically free from disease and insects. No spraying, dusting, or hand-picking of worms is necessary.
7. They are equally successful as a cut flower and for artistic landscape effects.

Suitable Places for Peonies

Since peonies are very decorative in all situations not only because of the splendor of their blooms but also from their attractive foliage, they are not out of place in almost any location. Care should be taken, however, not to plant them too near the spreading roots of trees and shrubs which would rob them of nourishment and moisture, but partial shade from trees at a distance is beneficial. Peonies make a very attractive border along a path or driveway, especially if planted alternately with phlox so that the season of bloom may be continued most of the summer. They are also very effective in large beds, either alone or interspersed with Japanese Lilies which bloom in August. If desired for abundance of cut flowers only, they may be planted in the vegetable garden.



Bed of Festiva Maxima—2 Year Plants

From Massachusetts.

Some years ago before I was married, I got from you some peonies and some lilies which all turned out well and I would like your catalogue for fall planting.

From New York.

I wish you would send me a list of your peonies, more of colors and shapes, than anything else. I am going to place this order with you because you have always handled every proposition I sent you absolutely on the square and it has been a pleasure.

From Long Island.

The peony roots you sent me a year ago turned out fine. They were as good if not finer than your own. Visitors said it was the first time they had seen peony flowers as large as a man's straw hat. I followed your catalogue instructions very closely.

From Indiana.

The peony roots came in good shape and we set them out Saturday. I was delighted with them. They were strong, heavy, and have so many fibrous roots that they are sure to make splendid growth.

From Lenox, Mass.

A man for whom we selected 100 Peony Roots writes:
Your peonies have been most satisfactory and the varieties very well chosen.

From New York.

Peonies are beautiful. Began to bloom June 12th. Very delicate shade of pink. Wish I had a lot more.

From Pennsylvania.

The peonies arrived in first class condition and I am more than pleased with them. I can honestly say I never saw finer plants.



Peony Root

Culture of the Peony

The Peony is of exceedingly easy culture, perfectly hardy and not very particular about the nature of the soil, but is particular about having good fertility.

SOIL. To perfect so many large blossoms as a good clump of Peonies will set, the soil should be well prepared so that plenty of nourishment as well as moisture may be had at blooming time. Although any good fertilizer, if well incorporated with the soil, will do, none is better than well rotted cow manure, which should be used in liberal quantities, but placed far enough below the roots so that the rootlets will not be affected by it until they have well started to grow. If the subsoil is of a good loamy texture, the excavation of two feet with a layer of six inches of well rotted cow manure at the bottom, well spaded in, will be sufficient. If, however, the subsoil is of the nature of light sand or hardpan, it should be removed entirely and alternate layers of old sods and manure put in its place. Heavy clay should be lightened by the aid of sand, leaf mold and manure, mixing it thoroughly by overturning it several times.

PLANTING. The time to plant Peonies is September and October, although they may be safely planted whenever the ground is open until April 1st. Do not plant before September 15th lest the roots should not be well ripened; and do not leave the matter until spring, for they are sure to make considerable growth before the ground is workable. Like other plants, the roots should be planted at the proper depth and the earth very tightly packed among and over them. Be sure to set the eyes about three inches below the surface. Plants should be set at least three feet apart so that they will have ample room for development.

After the ground is frozen to a depth of two or three inches it is well to cover the plants the first season with a light dressing of manure to keep them from heaving by the frost. They do not need to have protection from the

cold and will not need it after the first winter as the roots will have fast hold of the ground and will endure the most severe climate. If covered too deeply or planted too deeply they are apt to send up blind buds.

CULTIVATION. In early spring as soon as the ground has dried out sufficiently, the soil about the plant should be dug over to work in the manure and pulverize the soil. Shallow cultivation should be continued at intervals all summer to maintain the dust mulch.

A good way to utilize the ground the first season or two is to plant a row of Phlox between the rows of Peonies. Should there be an extreme drought in April or May, a thorough drenching of the beds once or twice a week would well repay in extra bloom. As Phloxes are fond of the same treatment these plants thrive well together, the latter giving a succession of bloom for two months after the Peonies are over.

If large, individual blooms are desired, the lateral buds should be removed early, thus throwing all the strength into the one central bud; and, if exhibition blooms are wanted, several of the stems may be pinched off when they first emerge from the ground, leaving two or three of the stronger ones which will take the entire strength of the plant. An application of liquid manure to the roots once a week soon after the buds have formed, will also increase the size and color of the flower.

AS A CUT FLOWER the Peony is unexcelled. Cut when the first outer petal rolls back and place in a cool room, always giving the flower stems a fresh cut every day, and also fresh water. The moment the buds are cut they should be dropped into a bucket of water. Developed in this way, most varieties will last a week. To retard them several days place them in a room that is cool and dark. In this way they may be kept beyond their period of bloom and will open larger and of better color than those left on the plant.

List of Peonies according to Color

To enable purchasers to quickly find from the alphabetical list, the colors desired, we have arranged the following lists including some of the principal varieties of the early, medium and late of each color.

WHITE.

Albatre.
Avalanche.
Baroness Schroeder.
Boule de Neige.
Canari.
Couronne d'Or.
Festiva.
Festiva Maxima.
La Fiancee, Single.
La Rosiere.
La Tendresse.
Marie.
Maria Lemoine.
Mme. Calot.
Mme. Crousse.
Mme. de Verneville.
Mons. Dupont.
No. 1,000, Single.
Whitleyi Major.

YELLOW.

Alba Sulphurea.
Dr. Bretonneau
(Guerin.)
Duchess de Nemours.
Duke of Wellington.
Grandiflora Nivea
Plena.
Lady Curzon.
Lemon Queen.
Lutea.
Philomele.
Princess Beatrice.
Solfaterre.

BLUSH OR FLESH COLOR.

Albert Crousse.
Alfred de Musset

Aurore.
Carnea Elegans
(Calot.)
Delicatissima.
Dorchester.
Eugenie Verdier.
Germaine Bigot.
Grandiflora.
James Kelway.
La Clairette.
Latipetala.
La Tulipe.
L'Etincelante.
Marguerite Gerard.
Mlle. Leonie Calot.
Mlle. Marie Calot.
Mlle. Rousseau.
Mme. Boulanger.
Mme. Coste.
Mme. Calot.
Mme. de Galhau
Mme. de Vetry.
Marie Jacquin.
Marie Deroux.
Octavie Demay.
Rose d'Amour.
Triomphe de l'Exposi-
tion de Lille.

MEDIUM PINK.

Bernard de Palissy
Dr. Bretonneau
(Verdier.)
Eugene Verdier.
Gloire de Charles
Gombault.
Golden Harvest.
Hermes.
Jeanne d'Arc.
La Coquette.

Lamartine.
Livingston.
Mlle. Renee Dessert.
Mme. Barillet Des-
champs.
Mme. d'Hour.
Mme. Ducl.
Mme. Emile Galle.
Mme. Lemonier.
Mme. Jules Elie.
Mme. Muiysart.
Milton Hill.
Modele de Perfection.
Mons. Jules Elie.
Reine Hortense.
Souv. de Universelle.
Umbellata Rosea.
Venus.

DEEPER PINKS.

Alexander Dumas.
Artemise.
Claire du Bois.
Fragrans.
Edulis Superba.
Festiva Fragrans.
General Bertrand.
Henry Laurent.
Insignis.
Louise Renault.
Modeste (Guerin.)
Mme. Chaumy.
Mme. Camille Bancel.
Mme. Forel.
Mme. Geissler.
Marechal MacMahon.
Mons. Bastien LePage.
Mons. Boucharlait Aine.
Officialis rosea su-
perba.
Petite Renee.

Suzanne Dessert.

RED.

Auguste Villaume.
Augustin d'Hour.
Berlioz.
Directeur Aubrey.
Felix Crousse.
Gen. Davaust.
Gloire de Chenon-
ceaux.
Gloire de Touraine.
Henry Demay.
Kame-no-Kerogoma.
Kino-Kimo.
Marechal Vaillant.
Mme. Lebon.
Mons. Krelage.
Rubra superba.
Souv. du Dr. Breton-
neau.
Ville de Nancy.

DEEP RED AND PURPLE.

Adolphe Rousseau.
De Candolle.
Delache.
Edouard Andre.
Louis Van Houtte,
(Calot.)
Louis Van Houtte,
(Delache.)
Meissonier.
Mme. Bucquet
Mons. Martin Cahuzac.
Purpurea Superba.
Prince de Talindyke.
Rubra Triumphans.

Peonies True to Name

Having a large stock from which I send out only plants of my own growing. I can warrant the authenticity of the varieties. I have been most careful in purchasing stock from thoroughly reliable sources.

I have been taking the utmost care from year to year to keep them pure.

All synonyms,

All the inferior varieties

All the varieties of doubtful authenticity are rigorously excluded.

The new varieties of peonies are so attractive that I have delighted to spend much of the time among them in June during the twelve years I have been making them my leading fall specialty. I pride myself on the fact that I have a great majority of the finest varieties in cultivation for many of which I have been awarded first prizes by the American Peony Society at their annual exhibitions.

A SAMPLE OF MANY LETTERS RECEIVED

Not wishing to open the flood gates for all sorts of circulars we withhold names of our customers.

From "Eastover", Lenox, Mass.

I know you will be glad to hear that our peonies have been a great success this year. Please send me a list of the shrubs we ordered during our last visit to you.

From Canada.

The Peony roots arrived O. K. today in perfect condition and I must say that they are larger and healthier and have more eyes than any I have bought elsewhere.

From Indiana.

I bought peonies from three sources, and I am frank to say your root divisions were very fine and of liberal size. There was nothing superior to them and the packing was just what I wanted.

From New York.

Will you be good enough to send Mr. — your latest catalogue of peonies? I wish you could see my peonies this year. They are certainly wonderful.

From Montana.

Roots arrived this A. M. all O. K. Many thanks for the extras you sent.

From Canada.

Will you please send me a copy of your complete catalogue? A friend whose peonies were not a success wishes me to get some for this fall's planting and was impressed with the result of those you sent me.

From New York.

I bought of seven or eight prominent peony growers in America and Europe last fall and your roots were among the best I received.

From New York.

It is always perfectly right to use anything that I may write you. When I run across a fellow who is as honest in the quality of his stock as you have always been, it is a pleasure not only to say good things to his face but to tell them over and over again to my friends.



One of Our Five Blocks of Peonies.

Special Offer of Large Clumps to Color

To those wishing plants for mass planting or cut flowers and not particular about names, we offer a bargain.

Strong 2 year clumps to color, \$2.50 per dozen, \$20 per hundred.

Strong 3 year clumps to color, \$4.00 per dozen, \$30 per hundred.

Mixed—We offer a fine lot of about 100 plants, one year old, at \$1.50 per dozen; \$10.00 per 100; about 100 two year old plants at \$2.50 per dozen, \$20.00 per 100; about 75 three year old plants at \$3.50 per dozen, \$25.00 per 100; not less than 50 at 100 rate.

PRICES

For the high quality of plants we offer our prices are very reasonable. While we do not laud certain varieties to the skies and charge a double price for them, yet our prices for some varieties will, perhaps, be found to vary from those of some other growers. Price as a rule is regulated by the supply and demand; but, in the case of Peonies, the price is often regulated as well by the quantity of the stock one may have of certain varieties. Another reason that makes prices vary is that one variety may increase two or three times as rapidly as another, being a stronger grower. Thus, the fact that a Peony is sold cheap may be a high recommendation for it; e. g. Courrone d'Or, a favorite white variety, strong grower and free bloomer, (there-

fore greatly in demand), has decreased in price although of recent introduction, because of its rapid increase, while Livingstone and Festiva Maxima, slower multipliers, have kept up in price. We have made our prices in accordance with our motto: "Prices as Low as Consistent with Highest Quality." Every year about one-third of our roots are made into divisions of 3 to 5 eyes, replanted and sold the following years for 1, 2 and 3 year plants respectively. Practically every one of our plants bloom in the nursery the first year, some having as many as three or four blooms. Such stock, of course, gives satisfaction and brings us new orders from our customers and their friends. See letter below.

DISCOUNT ON PEONIES

On orders amounting to \$5 to \$10, 10 per cent; \$10 to \$25, 15 per cent; \$25 and up, 20 per cent.

On orders of not less than three plants of a kind and amounting to \$10 to \$50, we will make a discount of 20 per cent and on orders of \$50 and up, 25 per cent.

No charge for boxing and packing.

Discounts do not apply to special offer.

It will be to your interest to order at once to secure the plants you wish. Some of the varieties will be sold out before planting time.

Many of those who visited our fields in June were so enthusiastic that they placed large orders with us.

S. G. Harris, Tarrytown, N. Y.

Harrisburgh, Pa., July 20, 1915.

Dear Sir:—

Last October I received 75 to 100 peonies from you. I won't sing "Tell Me the Old, Old Story" for you, but in the last ten years I have been peony stung—harpooned and trimmed until I refuse to resent a raw deal on peonies any more. I just quit. I now take that time to tell the man who has given me a square deal—"Shake, you are a gentleman and a scholar and sure earned your money."

Last year I bought from you and—. His plants were good and worth the price. Yours were large, looked better and were much heavier. This season not more than 1-3 of his had flowers. All of yours, but a few, had blooms, from one to five, many of which were very large. The boys made more than the price paid for the plants from the blooms sold from them Decoration Day. You sell the best plants for the money I ever saw. If I can arrange, I want to put in more this fall.

Some Son of Belial got him hence with the peony catalogue you sent me. I will certainly thank you for a copy as it was one of the few catalogues I wanted to keep.

Men like you deserve the good will and patronage of decent people and I am glad I had the good fortune to deal with you.

Wishing you continued merited success, I am,
This man ordered nearly 200 plants Fall, 1915.

Yours truly,

Descriptions and Price List of Peonies

The varieties we offer are arranged in two classes, double and single, in each of which the names are arranged alphabetically, and where known, the name and date of the introducer immediately follows in parentheses. As color comes first in the choice of Peonies, we have placed the color on the line same as the name. Size and type naturally appeal next, and so follow the color. Having found these satisfactory in any variety described, one naturally next looks for the character and habit of the plant. To further aid purchasers we have made an alphabetical list of colors. See page 48. In addition, we shall be pleased to give by letter further information to intending purchasers. See discounts, page 49. No charge for boxing and packing.

Double Peonies

	1 year	2 year	3 year
Adolphe Rousseau. (Dessert and Mechin, 1890). Purplish Garnet; one of the darkest. Very large; semi-double; very tall. Early.....	\$2 00	\$3 00	.....
Albatre. (Crousse, 1885). Milk white center, petals tinged lilac. Large, compact, rose-type bloom; strong, vigorous grower and free bloomer. Midseason.	1 50	2 00	.....
Alba Sulphurea. (Calot, 1860). Guard petals pure white, sulphur-yellow center. Center compactly built; large, bomb-shaped flower; very full; strong, erect grower	75	1 00	1 50
Albert Crousse. (Crousse, 1893). Very fresh salmon pink, delicate color. Large, compact, bomb shape; fragrant, erect; medium height. Late..	1 25	1 75	.....
Alexander Dumas. (Guerin, 1862). Rose, interspersed with salmon chamois. Large, crown shape; pleasant fragrance; medium height. Early midseason.	50	75	1 00
Alfred de Musset. (Crousse, 1885). Milk white, blush center, crimson flecks. Large, compact; medium height. Late.....	75	1 00	1 50
Ambroise Verschaffelt. (Parmentier, 1850). Purplish red, medium size, globular; medium height. Late.....	35	50	75
Artemise. (Calot, 1861). Violet-rose crown, pale pink collar. Large, crown shape; fragrant; strong, upright growth. Midseason.....	35	50	75
Asa Gray. (Crousse, 1886). Pale lilac sprinkled with dots of deeper lilac. Large, rose shape; very fragrant; good height and habit. Midseason..	1 00	1 50	.....
Auguste Villaume. (Crousse, 1895). Dark violet rose. Extra large, compact; globular; tall, strong growth. Very late.....	1 00	1 50	.....
Augustin d'Hour. (Calot, 1867). Dark, brilliant solferino red, silvery reflex. Medium to large, bomb shape; showy bloom; medium height. Midseason. (Similar in color to Felix Crousse).....	75	1 25	.....
Aurore. (Dessert, 1904). Pale lilac white, lighter collar, slightly flecked with crimson. Large, flat, loose; medium height; compact bush. Late	1 50	.....	.....
Avalanche. (Crousse, 1886). Creamy white, slightly flecked with carmine. Large compact crown type; fragrant; strong growth. Midseason....	1 50	2 00	2 50
Baroness Schroeder. (Kelway). Flesh white, fading to milk white. Large, globular, rose type; very fragrant; strong, free bloomer. Midseason..	1 50	2 00	2 50
Beranger. (Dessert, 1895). Clear violet rose. Large, compact, flat, rose type; fragrant; tall, erect, compact growth. Very late.....	35	50	.....
Berlioz. (Crousse, 1886). Bright currant red. Large, compact, globular, strong growth; medium height. Late midseason.....	50	75	1 00
Bernard Palissy. (Crousse, 1875). Delicate flesh pink. Large, compact, globular shape; very fragrant. Late midseason.....	75	1 00	.....
Boule de Neige. (Calot, 1862). Milk white flecked with crimson. Very large, regular and compact; tall, erect growth. Very early midseason. (Similar to but earlier than Mons. Dupont).....	50	75	1 00
Canari. (Guerin, 1861). Guards white, tinted pink, center amber white, fragrance X. Late.....	50	75	.....
Carnea Elegans. (Calot, 1860). Lilac white with amber-white center, flecked with crimson. Large, flat, compact, rose type; fragrant, medium height. Midseason	1 00	1 50	.....
Carnea Elegans. (Guerin, 1850). Lilac white guards with amber-white collar. Medium size, bomb type. Rather dwarf, weak grower. Early.	35	50	75
Charlemagne. (Crousse, 1880). Lilac white with slight blush center. Large, globular, very compact; fragrant; exquisite when perfectly developed but does not open well some seasons. Strong growth. Late..	50	75	1 00
Claire Dubois. (Crousse, 1886). Even, clear, deep violet rose, tipped white. Very large, globular rose type; tall, erect, strong growth. Late.....	1 00	1 50	.....
Couronne d'Or. (Calot, 1873). White with yellow tints arising from a few stamens showing amidst the petals. Center petals tipped with carmine. Large, rather full flower of superb form. Strong grower and very free bloomer. Good keeper. Late.....	50	75	1 00
Daniel d'Albert. Deep rose, shaded purple. Large, globular flower.....	35	50	75
De Candolle. (Crousse, 1880). Uniform bright lilac purple. Very large, full, rose type; without fragrance; medium height; strong, erect growth. Late midseason	60	85	1 25

In comparing prices with other growers, please note that we do not offer divisions but strong one, two and three year plants; and also that we offer very liberal discounts on page 49. As to the quality of our plants, please note the many letters of commendation received, pages 46, 48 and especially the one on page 49.

	1 year	2 year	3 year
Delachei. (Delache, 1856). Violet crimson. Medium size; fairly compact, rose type; strong, erect vigorous growth. Midseason to late.....	50	75	1 00
Delicatissima. Very pale lilac rose. Large, rose type; very strong, vigorous growth; medium height. Midseason.....	50	75	1 00
Directeur Aubrey. (Crousse, 1879). Clear amaranth. Medium to large, full, globular; medium height. Late midseason.....	50	75	1 00
Docteur Bretonneau. (Guerin, 1850). Guards flesh pink, center yellow, sometimes salmon. One of the best yellow sorts.....	1 00	1 50	2 00
Docteur Bretonneau. (Verdier, 1854). (Synonym Lady Bramwell). Pale lilac rose with some crimson flecks. Medium to large, bomb shape; pleasing fragrance. Early midseason.....	50	75	1 00
Dorchester. (Richardson, 1870). Pale pink. Large compact, rose type; fragrant; medium height; strong, thick stems. Late midseason.....	50	1 00	1 00
Duc de Wellington. Calot, 1859). Pure white, sulphur center. Large, bomb shape; very fragrant; tall, erect growth. Midseason.....	50	75	1 00
Duchess de Nemours. (Calot, 1856). Guard petals white, center lemon yellow, cup-shaped; at first it develops into a large bloom, gradually fading to white; fragrant, strong grower and free bloomer. Extra good commercial variety. Follows two to three days later than Festiva Maxima.....	50	75	1 00
Edouard Andre. (Mechin, 1874). Deep crimson red shaded black with metallic reflex; visible stamens golden yellow, magnificent coloring; very showy; globular bloom. Early midseason.....	75	1 00	.....
Edulis superba. (Lemon, 1824). Dark pink, even color, large, loose, flat crown when fully open. Very fragrant, upright growth, early bloomer. One of the best commercial peonies. There is much confusion over this variety, being sold under twenty or more different names....	50	75	1 00
Eugene Verdier. (Calot, 1864). Very light pink with lilac-white collar. Large, rose type; extra strong-growing plant; erect, rather dwarf. Late. Be sure you get the real thing, it is one of the best.....	1 50	2 50	.....
Eugenie Verdier. (Calot, 1864). (Also called Pottsi Alba). Pale pink, center deeper, flecked crimson. Large, flat, rose type, rather loose; fragrant; tall, free. Midseason.....	1 00	.....	.....
Felix Crousse. (Crousse, 1881). Very brilliant red. Medium to large, globular, typical bomb shape; fragrant; strong growth; stems rather weak. Midseason.....	50	75	1 00
Festiva. (Donkelaar, 1838). Pure paper white with crimson markings in center. Large, full, very fragrant; dwarf. Late.....	50	75	1 00
Festiva Maxima. (Mieliez, 1851). Paper white with crimson markings in center. Very large and full, rose type; very tall, strong growth. Early.	50	75	1 00
Festiva Fragnans. Pure rose, enormous flowers.....	1 00	.....	.....
Fragnans. (Sir John Banks, 1805). Medium dark pink, all of one color; very full and sweet; tall, strong, vigorous grower; very late; extensive-ly grown for cut flowers.....	25	50	75
Fulgida. (Parmentier, 1850). Amaranth red, silver tipped. Medium size; loose, semi-double; tall, strong, erect growth. Late midseason.....	50	75	1 00
General Bertrand. (Guerin, 1845). Dark pink, silvery center. Large, compact, globular, with broad collar; fragrance XX; tall, strong, upright growth. Early.....	50	75	1 00
General Davoust. (Crousse, 1898). Carmine rose shaded amaranth; very large, globe shape.....	1 50	.....	.....
Germaine Bigot. (Dessart, 1902). Pale lilac rose, center flecked crimson. Very large, flat, crown shape; strong and erect growth; free bloomer. Midseason.....	1 00	2 00	.....
Goliath. Tyrian rose, slightly tipped silver; very large, compact, rose type; fragrant, strong grower and free bloomer. Midseason.....	2 00	.....	.....
Gloire de Boskoop. Pure white. Tall, strong grower, choice variety....	50	75	.....
Gloire de Charles Gambault. Outer petals fleshy pink, collar clear salmon flesh color shaded with apricot; center petals flesh pink striped with carmine. Very showy, on tall stems. Late midseason.....	1 25	1 75	2 25
Gloire de Chenonceaux. (1880). Solferino red, silver tipped with age. Medium to large, globular rose type; fragrant. Upright grower. Late midseason.....	1 00	1 25	.....
Golden Harvest. (Rosenfield, 1900). Pale pink to peach blossom pink, white crown. Rather dwarf type but vigorous and free bloomer in clusters. Midseason.....	50	75	1 00
Grandiflora. (Richardson, 1883). Beautiful flesh pink, with lighter shades at the center. One of the very largest pinks known, and one of the latest pinks to bloom. Vigorous.....	1 00	.....	.....
Grandiflora Carne Plena. (Lemon, 1824). Lilac white. Medium to large, loose crown type; fragrant. One of the very earliest.....	35	50	75
Grandiflora Nivea Plena. (Lemon, 1824). Pure white with crimson dots in center. Very large, globular, rose type; fragrant; strong growth. Early.....	1 00	1 50	2 00
Henry Demay. (Calot, 1866). Aniline red with silver reflex. Medium size; globular, bomb type; fragrant; strong, vigorous. Midseason.....	35	50	75
Humei. (1810). Cherry pink. Medium size, compact, globular, rose type; medium height; shy bloomer. Very late.....	35	50	75
Humei Carne. (Guerin, 1856). Bright light pink. Medium to large, rose type; pleasing fragrance; strong grower. Late.....	35	50	75
Insignis. (Guerin, 1850). Deep carmine-rose collar, light peach blossom center. Pleasing fragrance; tall, strong, vigorous. Midseason.....	50	75	1 00
Jeanne d'Arc. (Calot, 1858). Pale lilac rose, cream white center, pink crown. Medium to large, crown shape; fragrant; very free bloomer in clusters. Early. (Similar to Golden Harvest).....	50	75	1 00
James Kelway. (Kelway). Rosy white changing to milk white. Very large, loose, rose type; fragrant; tall, strong grower. Early midseason.	1 50	2 00	2 50

	1 year	2 year	3 year
Kameno-Kerogomo. (Japan). Large, crimson-carmine, single flower; large central tuft of filamentous petals, golden yellow streaked with carmine.	5 00	.....	.....
Kinokimo. (Japan). Crimson-carmine, single flower, tinged with garnet; central tuft of filamentous petals, carmine-red, bordered with yellow.	5 00	.....	.....
La Coquette. (Guerin, 1861). Light pink crown and collar, center very white with carmine flecks. Large, globular, high crown; fragrant. Midseason.	50	75	1 00
Lady Curzon. White guard with cream center. Award of merit at Royal Horticultural Society.	75	1 00	.....
Lamartine. (Calot, 1860). (Also called Gigantea). Pale lilac rose, darker center. Very large, loose, irregular, rose shape; very fragrant. Early.	1 00	1 50	.....
La Rosiere. (Crousse, 1888). Pure white, shading to cream in center, due to presence of yellow stamens. Large, flat, semi-double; medium height. Name is well chosen, for it is more like a rose than any other Peony. Midseason.	75	1 00	1 25
La Tendresse. (Crousse, 1896). Cream color, changing to pure white, slightly splashed carmine; rose type, very large, compact, flat; fragrant. Strong, upright growth. Early.	2 00	.....	.....
Latipetala. Outside petals flesh color, center ones sulphur white. Large; fine.	30	50	75
La Tulipe. (Calot, 1872). (Syn. Multicolor Calot, '73). Lilac white, outer petals striped with crimson. Large, flat, rose type; fragrant; very tall, strong growth. Late midseason.	50	75	1 00
Lemon Queen. (Japan). Pure white with a central cushion of short, fringed yellow petals.	2 00	.....	.....
L'Indispensable. Delicate shell pink. Exceedingly beautiful flower when conditions of soil and weather are favorable to its full development, but its extremely hard bud is so long in opening that it is pretty sure to get water-logged by a shower before it develops. Sold by some as Eugene Verdier at an enormous price.	75	.....	.....
Livingstone. (Crousse, 1879). Pale lilac rose, silver tipped, some carmine spots. Large, compact, rose type; tall, very strong stems. Late.	75	1 00	1 50
Lutea. Beautiful new species from the Yunnan Mountains. Rich buttery yellow; habit of growth somewhat resembles a tree peony.	2 00	.....	.....
Louis Van Houtte. (Calot, 1867). Dark red. Semi-double; late bloomer; fairly good form and size. Odor pleasant, but variable.	35	50	75
Louis Van Houtte. (Delache, 1854). Dark crimson. Large, semi-rose type; compact; fragrant; medium height. Late.	50	75	1 00
Louise Renault. (Crousse, 1881). Dark red, mauve shades. Medium size; rose type; low growth and rather weak. Very late.	50	75	1 00
Mme. Auguste Dessert. (Dessert, 1899). Uniform violet rose, slightly flecked with crimson. Very large, globular, rose type; erect; medium height. Early midseason.	3 00	.....	.....
Mme. Barillet Deschamps. (Calot, 1868). Clear violet rose, fading to a delicate silvery pink. Large, flat, imbricated rose type; medium height. Midseason.	75	1 00	.....
Mme. Bollet. (Calot, 1867). Pale lilac pink, silvery reflex. Large, very compact, rose type; upright; medium height. Late midseason.	50	75	.....
Mme. Buequet. (Dessert, 1860). Uniform, very dark crimson amaranth. Large, loose, rose type; fragrant; strong, upright growth. Midseason.	75	1 00	1 25
Mme. Boulanger. (Crousse, 1886). Glossy soft pink, tinged lilac, silvery flesh border; large, compact, rose type; upright. Late midseason.	2 00	.....	.....
Mme. Calot. Flesh white, tinged pale hydrangea pink, center shaded slightly darker with a sulphur tint; very large, full, globular bloom; fragrant; early and abundant bloomer.	50	75	1 00
Mme. Camille Baneel. (Crousse, 1897). Uniform deep pink with silver shades. Large, globular, perfect rose type; fragrant; medium height. Late.	75	.....	.....
Mme. Chaumy. (Calot, 1864). Pale lilac rose, center slightly darker. Medium size; very compact, rose type; very free; medium height. Midseason.	50	75	1 00
Mme. Coste. (Calot, 1873). Pale hydrangea pink, creamy white collar, flecked with crimson. Medium size; crown shape; medium height. Early.	50	75	1 00
Mme. Crousse. (Calot, 1866). Pure white with faint crimson markings. Large, globular, crown type; fragrant; medium height. Midseason.	50	75	1 00
Mme. de Galhau. (Crousse, 1883). Pale lilac rose with a rose-white collar. Very large, compact, rose shape; very fragrant; strong growth. Late.	75	1 00	1 25
Mme. d'Hour. (Calot, 1864). Light pink, silver tipped, darker center. Large, compact, rose type; tall, erect, superb. Late midseason.	75	1 00	1 50
Mme. Ducl. (Mechin, 1880). Bright silvery pink. Very large, well built flower; strong grower, free bloomer; odor pleasant; one of the best. Early.	50	75	1 00
Mme. de Vatry. (Guerin, 1863). Milk white, lilac-white collar, center splashed with crimson. Very large, full, crown shape; medium height; strong grower. Midseason.	75	1 00	1 50
Mme. de Verneville. (Crousse, 1885). Pure white, center tipped with carmine. Very large, full, bomb shape; fragrant; medium height; strong growth. Early.	60	85	1 25
Mme. Emile Galle. (Crousse, 1881). Very soft pink, changing to milk white in center. Very large, compact, flat, rose type; tall, strong; fragrant. Late.	1 00	1 50	2 00
Mme. Emile Lemoine. (Lemoine, 1899). Pure milk white, collar streaked scarlet. Large, globular, rose type; medium height. Midseason.	2 00	2 50	.....
Mme. Forel. (Crousse, 1881). Light pink, silver tipped center. Very large, compact, rose type; fragrant; tall, strong growth. Late.	75	1 00	.....
Mme. Geissler. (Crousse, 1880). Violet rose, tips silvery white. Very large, compact, rose type bloom on rather weak stem. Fragrant.	75	1 00	.....
Mme. Jules Elie. (Calot, 1873). Flesh-pink with silvery reflex center, petal bordered with carmine. Full cup-shaped bloom. Late.	50	75	.....

	1 year	2 year	3 year
Mme. Lemonier. (Calot, 1860). Soft lilac, slightly tinged carmine with white reflex; very large globular bloom, rose type; strong grower and very free bloomer. Much superior to Mme. Lemoine, 1865.....	1 00	1 50	2 00
Mme. Lebon. (Calot, 1855). Showy cherry-pink. Medium to large, very compact, rose type; pleasing fragrance; strong growth. Late.....	50	75	1 00
Mme. Muysart. (Calot, 1869). Uniform dark pink, tipped silver. Very large, compact, rose type; fragrant; tall, strong stems. Late.....	50	75	1 00
Mlle. Leonie Calot. (Calot, 1861). Very delicate shell pink, center darker. Medium size, very compact, globular; on weak stems. Late midseason.	50	75	1 00
Mlle. Marie Calot. (Calot, 1872). Milk white tinged flesh, flecked crimson. Large, compact, irregular petals; fragrant; medium height; strong. Late.....	75	1 00	1 50
Mlle. Renee Dessert. (Mechin, 1880). Fine lilac, silver tipped. Large globular, rose type; tall, erect. Late midseason.....	50	75	1 00
Mlle. Rousseau. (Crousse, 1886). Milk white splashed carmine. Large, globular, rose type; extra strong stem; medium height. Midseason..	1 50	2 00	.....
Marechal McMahon. Identical with Aug. d'Hour, which see.			
Marechal Vaillant. (Calot, 1867). Very dark aniline red. Large, compact, globular, rose type; very tall, coarse, strong stems. Very late.....	50	75	1 00
Marguerite Gerard. (Crousse, 1892). Very pale salmon pink, fading to almost white. Large, compact, rose type; very strong growth. Late..	1 00	1 50	2 00
Marie. (Calot, 1868). Lilac white fading to milk white. Medium size; compact, rose type; fragrant; very tall. Very late.....	50	75	1 00
Marie Deroux. (Crousse, 1881). Lilac white with lilac collar. Large, medium compact, flat, rose type; strong, tall grower. Late.....	75	1 00	.....
Marie Jacquin. (Verdier). (Syn. Water Lily). Rose-white, fading to white. Large, globular, semi-double; upright, very strong growth; cup-shaped. Midseason.....	1 00	.....	.....
Marie Lemoine. (Calot, 1869). Pure white with cream white center. Large, very compact, rose type; pleasing fragrance; medium height; extra strong stems. Very late.....	50	75	1 00
Mathilde de Roseneck. (Crousse, 1883). Flesh pink shaded charmois, with a narrow carmine edge. Fragrance XX. Tall, strong grower. Late..	1 00	.....	.....
Meissonier. (Crousse, 1886). Reddish purple, uniform color. Medium size, bomb type; fragrant; tall, vigorous; weak stems. Midseason.....	50	75	.....
Mikado. (Japan). Dark crimson, central tuft of filamentous petals edged crimson and tipped gold.....	2 00	.....	.....
Milton Hill. Pale lilac rose, rich, pure color; very large, globular, compact, rose type; strong grower. Late.....	5 00	.....	.....
Modele de Perfection. (Crousse, 1875). Light pink silver tipped, darker center. Very large, very compact, rose type; fragrant; vigorous. Late.	75	.....	.....
Modeste Guerin. Very attractive, bright pink, tinged carmine, solid color; large bloom, typical bomb type; fragrance XX. Fine upright habit, very vigorous, early and free. We consider this the best carmine pink peony. With it we won the first prize for fifty blooms, deep pink, at the Peony Show of the American Peony Society.....	50	75	1 25
Mons. Bastien LePage. (Crousse, 1885). Uniform pure mauve, silvery reflex. Very large, crown shape; incurved petals; tall, extra strong. Midseason.....	1 00	1 50	2 00
Mons. Bouchart Aine. (Calot, 1868). Light pink with silvery reflex. Very large, full, compact, rose type; very strong, vigorous growth; fragrant. Midseason.....	50	75	1 00
Mons. Dupont. (Calot, 1872). Milk white, center splashed with crimson. Large, rose type; fragrant; tall, erect. Late midseason.....	50	75	1 00
Mons. Jules Elie. (Crousse, 1883). Pale lilac rose, silvery reflex. Very large, compact, globular; very fragrant; tall, vigorous growth. Early.	1 00	1 50	.....
Mons. Krelage. (Crousse, 1883). Solferino red, silver tips. Large, compact, semi-rose type; medium height; strong growth. Late.....	75	1 00	.....
Mons. Martin Cahuzac. (Dessert, 1899). Very dark purple garnet with black reflex. Medium to large, globular, rose type; medium height; strong, vigorous growth. Late midseason.....	5 00	.....	.....
Nobilissima. (Mieliez, 1858). Uniform deep violet rose. Large, flat, rose type; erect, strong growth. Late midseason.....	50	75	.....
Octavie Demay. (Calot, 1867). Very pale pink, collar almost white with a few stripes of carmine. Very large, flat, crown type; fragrant; very dwarf plant with strong, thick stems. Early.....	75	1 00	.....
Papilionacea. Outside petals rose, center yellow, changing to white.....	50	75	1 25
Philomele. (Calot, 1861). Yellow, fading to cream with bright pink collar and crown; medium size; low, flat crown; medium height; strong growth. Midseason.....	50	75	1 00
Petite Renee. (Dessert, 1899). Dark pink. Very large, anemone shape, semi-double with thread-like center petals. Medium height, upright. Midseason.....	1 00	1 50	.....
Prince de Talindyke. Dark purple. Large; distinct. Winner of first prize at Boston American Peony Society Exhibition, June, 1910, for 50 best blooms, crimson varieties. Stems erect and vigorous, nearly four feet tall. Late.....	50	75	1 00
Prince Imperial. (Calot). Amaranth red to Tyrian rose. Semi-rose type; vigorous grower with an extra strong stem.....	50	75	1 00
Princess Beatrice. Guards and crown light rose, collar cream white flecked crimson. Fragrant; strong, vigorous and free bloomer. Medium height. Early midseason.....	50	75	.....
Purpurea Superba. (Guerin, 1845). Purplish crimson. Outside petals large, center small and compact; lights up beautifully at night; shy bloomer. Late.....	75	.....	.....
Rose d'Amour. (Calot, 1857). Delicate flesh pink. Large bloom.....	50	75	1 25
Rubra Superba. (Richardson, 1871). Deep carmine crimson. Large fragrant, rose type; medium height. Very late.....	75	.....	.....
Rubra Triumphans. (Delache, 1854). Very dark crimson. Large, loose, semi-double; medium height; strong growth. Early.....	35	50	75

	1 year	2 year	3 year
Solfaterre. (Calot, 1861). Pure white with sulphur white center. Large crown type; fragrant; medium height. Early midseason.....	50	75	.....
Souv. du Dr. Bretonneau. (Dessert, 1896). Dark Tyrian rose. Medium size, loose, flat, semi-double; medium height; erect, free. Midseason..	50	75	1 00
Souv. de l'Exposition Universelle. (Calot, 1867). Rich, clear cherry; silvery reflex. Very large, flat, rose type; fragrant; medium height; free. Late midseason.	75	.....	.....
Stanley. (Crousse, 1879). Light violet rose, silvery reflex; rose type, large, strong. Midseason.	1 00	.....	.....
Sulphurea. (Lemon, 1830). Pure white with yellowish-green tint. Large, globular, crown shape; fragrant; medium height. Midseason.....	50	75	1 00
Suzanne Dessert. (Dessert and Mechin, 1890). Fine China pink with silver tips; large, compact, bomb type; fragrant. Midseason.....	1 00	.....	.....
Triomphe de l'Exposition de Lille. (Calot, 1865). Very pale pink, splashed with a darker tint. Large, compact, rose type; pleasing fragrance; strong growth; dwarf. Midseason.....	60	85	1 25
Triomphe du Nord. (Mellez, 1850). Light solferino red with silvery reflex. Large, bomb shape; very fragrant; tall, very free, on stout stems. Midseason.....	35	50	.....
Umbellata rosea. (Dessert). Violet-rose collar with amber-white center. Medium to large, informal rose type; medium height; very strong; upright. Very early.	60	85	1 25
Venus. (Kelway). Very delicate pale hydrangea pink, lighter collar. Very large, high, compact crown; very fragrant; tall, erect. Midseason.	1 00	1 25	1 50
Ville de Nancy. (Calot, 1872). Very brilliant red. Very large, bomb shape; tall, very strong growth. Late.....	50	75	1 00
Viscomtesse Bellevue. (Guerin, 1852). Blush, center creamy white; fully fringed; fragrant.	50	75	1 00
Whitley Major. Pure white with orange colored center; enormous flowers and a very stout grower.....	2 00	3 00	.....

Single Peonies

Buset. Light Pink	\$ 50	\$ 75	\$....
Electra. Light Pink	50	75	.....
Luban. Light Pink	50	75	.....
Pinatus. Red	50	75	.....
Princess Alexandra. Crimson	50	75	1 25
Clairette. (Dessert, 1906.) A superb, large white, lightly shaded pink, changing to pure white.....	2 00	3 00	.....
La Fiancee. (Lemoine, 1898.) Very large, white with yellow center. Single. Early. Good variety. Carpels greenish white and hairy; stigmas long, white and recurved. Odor slight. Plant is strong, coarse grower, with a very spreading habit. Free bloomer. Characteristic coarse, thick, leathery foliage.....	2 00	3 00	.....
L'Etincelante. (Dessert, 1902). Very broad petals of the finest bright carmine, broad silvery border, crown of gold stamens at the center; superb	1 50	.....	.....
No. 1000. White. Very profuse bloomer.....	50	75	1 25

Paeonia Officinalis

Alba. Pure white	50	.....	.....
Rosen. Double crimson, changing to rose; fragrant.....	35	50	.....
Rosa Superba. Shining satiny rose; magnificent flower.....	50	75	.....
Rubra. Double crimson, of large size; fragrant; the old-fashioned red peony	50	75	.....
Tenuifolia. Single; dark crimson, very rich, fern-like foliage; flowers distinct; earliest flowering.....	75	1 00	.....
Tenuifolia, fl. pl. Double fennel-leaved flowers of a bright scarlet-crimson, and quite double and globular; rare and fine.....	75	1 00	.....

Types of Peonies

Single. Those with a single row of wide guards, and a center of yellow pollen-bearing stamens.

Semi-Double. Those with several rows of wide petals, and a center of stamens and partially transformed petaloids.

Japanese. These have wide guards the same as the Singles, but with the stamens and anthers greatly enlarged into narrow, thick, petaloids of various colors, tipped with vestiges of the yellow anthers without pollen.

Anemone. A step farther in the process of doubling with the stamens all transformed into short, narrow petals, forming a round cushion in the center of the flower.

Crown. In this type wide petals are developed in the center of the flower, forming a high crown, with the narrow, short petals forming a ring or collar around it. Often the crown and guards are of one color and the collar another, or lighter shade.

Bomb. The next step in which all the center petals are uniformly wide, approaching the guards, but distinctly differentiated from them, forming a globe-shaped center without collar or crown.

Semi-Rose. Flowers in which the petals are all uniformly wide, but are loosely built, with a few pollen-bearing stamens visible, or nearly concealed.

Rose. The process of doubling is completed, all stamens fully transformed into evenly arranged, wide petaloids, similar to the guards, forming a perfect rose-shaped bloom.



La Fiancee



Public Rose Garden, Hartford, Conn.

Irish Roses

Several years' thorough trial of these Roses has convinced us of their superiority. The fact that we supply many of the best rosarians in the country, who express themselves highly pleased, is ample proof of the quality of Irish Stock.

Their success has been phenomenal. In open competition they won the King's cup at Windsor, the Metropolitan Challenge Trophy (**The blue ribbon of the Rose World**), the silver cup of Holland Park, London, and, for the fourth year in succession, the Waud Challenge Cup at Saltaire. Thereby it becomes the absolute property of Dickson and Sons. In addition to the above prizes they were awarded upwards of fifty first prizes including cups, gold and silver medals. It should be borne in mind that the plants which our customers will receive when ordering from us are the plants which produce the winning blooms.

The Dicksons grow this fancy stock to our order, and we offer only such varieties as have proven a success in this country. There are other varieties which promised much, and many more which are successful in mild climates, but the number of first-class, hardy sorts is limited to comparatively few. Some of these do well in one section and some in another. Of the nearly 200 varieties we offer, all are heavy two-year-old dormant plants and a few Rugosas and Climbers are two, three and four years old.

Planted early the roots become well established in the cool weather of April and May so that they are able to produce a fine lot of blooms in June, and the Everblooming Teas and Hybrid Teas continue to bloom through summer and fall until heavy frosts. Place your order now; we will not ship until conditions are suitable for planting in your section.

All our Roses are field grown, heavy two-year-old plants, no pot-plants; no second size.

We take pleasure in offering a select list of Roses, heavy plants which will easily pay for themselves in bloom the first year. Why not have the best, since a good plant requires no more space or care than a poor one, except to pick the extra blooms.

Prices of Roses

Irish Roses are much superior to ordinary stock as **superior soil and climate and 50 years' training in Rose-growing can produce.** To produce such stock, strong one-year plants are set in spring and grown two years in the field; quite different from plants started in the greenhouse in winter, planted out in spring and sold the following spring for two-year-old plants. The fact that we send these **Irish Roses** to many of the best rosarians is proof positive of the quality of the stock.

The prices of any of the varieties named except otherwise noted. 30c. each.

Varieties offered at 30c, \$2.50 per 10, \$22 per 100.

Varieties offered at 35c, \$3.00 per 10, \$25 per 100.

Varieties offered at 40c, \$3.50 per 10, \$30 per 100.

Varieties offered at 50c, \$4.00 per 10, \$35 per 100.

Varieties offered at 60c, \$5.00 per 10.

Varieties offered at 75c, \$6.00 per 10.

5 to 25 at 10 rate. 25 or more at 100 rate, provided not less than three of a variety (not class) are ordered.

Budded vs. Own Root Plants

Growers are apt to argue for their method of propagation. An impartial opinion by an eminent rosarian may be found in an excellent article by Dr. Robert Huey in the March, 1905, number of "Country Life in America". Speaking of budded plants, he says: "They are much more vigorous, produce finer blooms, come into bearing sooner and last just as long, if not longer." He further states that "many fine varieties are utterly worthless unless budded."

Six Reasons for Placing Your Order with Us Early

(1) **The plants are very low-budded**, so that in planting the bud or graft is easily placed 2 or 3 inches below the surface of the ground (as it should be) without the necessity of too deep planting of the roots.

(2) **The plants are kept perfectly dormant** from the time they are dug until they reach our customers. On arrival, late in November, we place them in deep trenches and cover with earth until shipping time. By this method there is no drying out of the roots, as there is where stored in buildings.

(3) **Our method of packing insures arrival in perfect condition.**

(4) **We have made the prices low** (10 to 40 per cent. lower than some are pricing plants which cannot be better to say the least.) We can do this thing because we handle large numbers and, being in a climate where we can keep the plants dormant until planting time, we have not the great expense of potting, storing and packing potted plants for shipment.

(5) **To make sure of getting the desired varieties** before the stock is exhausted, many of our old customers place their spring orders six to eight months in advance.

(6) **Early orders take precedence** in time of shipment, provided, of course, ground in your locality is ready for planting; plant just as soon as ground will work well.

Including some valuable New Roses, we offer the following varieties, **the very cream of constant bloomers.** They should not be confounded with the so-called monthly Teas, sent out as pot-plants by some firms. They are hardy with a little protection if planted in spring, in order that they may become established during the summer. Being large plants they will bloom freely from June to November, and are worth many times mailing sizes, sent out by some growers. As they have all been thoroughly tested for hardiness, freedom of bloom and vigorous growth, one tries no experiment in planting these beautiful Everblooming Roses. They are all Hybrid Teas with the exception of a few, which are designated; and, all things considered, are most valuable for bedding out and summer-flowering. They are a cross between the Hybrid Perpetuals and the delicate Teas. They have the hardiness of the former and the charming form and fragrance of the latter.

Those marked with a * we can also furnish low-budded, Holland grown, at 25c. each. See page 59.

Alice Grahame. Ivory white, tinted salmon. In this variety we have an absolutely distinct and magnificent Rose of the highest excellence. It is a strong, vigorous grower of free and erect branching character, with massive, dark green foliage. Growth very smooth, with the appearance of being highly varnished. Every shoot is crowned with a bud, which develops into a flower of large size, enormous substance and perfect form. This variety frequently varies both in form and color. A marvelously free and continuous blooming Rose. 40c.

Antoine Rivoire. Rosy flesh, shaded and edged with carmine; base of petals yellow, large, full and imbricated; superb. Doctor Huey, the noted rosarian of Philadelphia, says of this Rose: "I quite agree with you about Antoine Rivoire. Have a dozen plants doing finely. I place it as the third best Hybrid Tea." 40c.

***Arthur R. Goodwin.** Coppery orange red, passing to salmon pink. Medium, full, beautiful rose.

Belle Siebrecht. Bright rosy pink; large, double and beautifully formed; very sweet and exceedingly floriferous. One of the best. 40c.

Bessie Brown. A Rose of transcendent beauty totally distinct. The blooms are perfectly formed, of immense size and substance; petals very smooth and shell-shaped; creamy white; very highly perfumed. One of the finest Roses ever raised. 40c.

***Betty.** Color ruddy gold a coppery rose over-spread with golden yellow. Its blooms are extremely large, fairly full and of a glorious form; petals often 4 inches long, and is never out of bloom from June until cut off by frost. Its growth is extremely vigorous, erect and of a very free-branching habit. 50c.

***Caroline Testout.** A beautiful rosy salmon; exquisite form, very sweet; vigorous grower, free and constant bloomer. 35c.

Carine. The many phases of color depicted in the development of this exquisite rose are almost too intricate to describe, including as they do, orange-carmine, blush-buff, creamy-fawn and coppery salmon. The growth is vigorous, erect and branching, flowering in great profusion. 60c.

Carola Konigin. Satiny rose, reverse of petals silvery white; large, good form; floriferous. 40c.

Chateau de Clos Vougeot. Velvety scarlet, shaded fiery-red, changing to dark velvety crimson; very floriferous. 40c.

Clothilde Soupert. Polyantha. Flowers medium size, very double and beautiful, varying from light to pink. No better light Rose for bedding, whether we consider its profusion of bloom the entire season or its vigorous growth. 40c.

Dorothy Page Roberts. Coppery-pink suffused apricot-yellow, petals very large. A very unique rose, possessing remarkably beautiful shades of color. Gold Medal, N. R. S. 50c.

***Duchess of Wellington.** Intense saffron-yellow, stained with rich crimson, which, as the flower develops, becomes deep coppery saffron-yellow. The blooms are fairly full; petals large and of great substance; free-flowering, of delightful fragrance, a great acquisition for garden or decorative purposes. 50c.

Duchess of Westminster. A peerless Tea-like Rose, with beautifully smooth and massive petals. The blooms are very large, full and perfectly formed, with high, pointed center; very sweetly perfumed. The color is a dainty, clear rose-madder. The growth is vigorous, erect and of very free flowering habit. 50c.

***Earl of Warwick.** Soft salmon-pink, shaded vermillion; large, full, a fine decorative variety. 40c.

Elizabeth Barnes. Satiny salmon rose, with a fawn center, suffused with yellow, outside petals deep rosy red, shaded with copper and yellow; large, full, perfectly formed, delightfully fragrant. 40c.

Etoile de France. Color velvety crimson, center vivid cerise-red; blooms very large, full and magnificent; cupped form; very beautiful. Vigorous in growth; fragrant and lasting. 40c.

General McArthur. Bright crimson; large, full, free flowering; highly perfumed; fine. 40c.

***George Dickson.** Originator's description: A majestic rose whose imperious size, contour, color, and rare perfume (rich syrupy rose-tea)—each the last word in what a Rose should be—at once stamped it as a perfect rose and a rose without compeer. We, with no little pride, issue it as the best Exhibition Rose ever raised by us! Its vigorous growth, its thick leathery beech-green cordate foliage, bespeak rare constitution; produces huge blooms quite five inches across, that give an exhibitor invariably a top-row corner bloom. It never blues, browns, or seals, and its huge leathery shell-shaped lemon-white based petals have wonderful lasting qualities, and are symmetrically arranged in the much-to-be desired globular type. The color is velvety black scarlet crimson with brilliant scarlet reflexed tips, with heavy and uniquely pure crimson maroon veining on the reverse. The blooms open naturally. Awarded Gold Medal, N. R. S. 50c.

***Geo. C. Waud.** Orange vermillion, distinct and beautiful, large, perfect finish, floriferous, strong, tea perfume, one of our best. 40c.

Gruss an Teplitz. Brilliant cinnabara-scarlet shaded with velvety fiery red; a very effective decorative Rose. It is very fragrant, a free, strong grower, and the most profuse bloomer of all bedding Roses. The foliage is extremely beautiful, all the young growth being a bronzy plum-color. 40c.



Jonkheer J. L. Mock.

Harry Kirk. Tea. Absolutely unique. A splendid Rose, of most robust growth, with free-branching habit, flowering freely and continuously. The blooms are large, full, with large smooth petals of great substance; the form is perfect; the buds are long and elegant; color deep sulphur-yellow, passing to a lighter shade at edges of petals. A splendid Rose, much the best of its color. A marvelous acquisition. Awarded Gold Medal, N. R. S. Doctor Huey, of Philadelphia, writes: "Harry Kirk is a great and glorious Rose. I had five different periods of bloom last summer. I had several blooms that opened $4\frac{1}{2}$ inches in diameter. As the inner row of petals is incurved, even when fully opened, it does not present a flat appearance. Petals are of great substance, and the flower is quite fragrant." 40c.

J. B. Clark. Deep scarlet, shaded blackish crimson; large. Gold Medal, N. R. S. 40c.

Jonkheer J. L. Mock. Flowers large, highly perfumed and produced freely on long, stiff stems. Color a deep imperial pink, the outside of petals silvery rose-white. 40c.

Kaiserin Augusta Victoria. Pure white, with yellow center; outer petals reflexed; its fragrance is unique; its foliage vigorous and glossy. No better white than this. 35c.

Killarney. A charming Rose of robust growth and free-branching habit; blooms large, buds long and pointed; petals very large and of great substance; flesh shaded white, suffused pale pink; a lovely and distinct Rose of great merit. 35c.

***Lady Alice Stanley.** Deep coral-rose on outside of petals; inside pale flesh, slightly flushed deeper flesh; blooms large, full; fragrant. Gold Medal, N. R. S. 50c.

***Lady Ashtown.** Very large, Rose du Barri, shading to yellow at base of petals; large, full, and pointed; excellent for any purpose. 40c.

Lady Battersea. Beautiful cherry-crimson, permeated with an orange shade; the flowers are of moderate size and almost full; very free-flowering. 40c.

***Milady.** Glowing crimson-scarlet, similar to Gen. Jacqueminot.

***Lady Hillingdon.** (T.) Deep apricot-yellow, long pointed buds; free flowering, very fine. 50c.

Lady Ursula. Flesh pink, large, full, great substance, good form, petals large, smooth, circular, deliciously tea scented. Fine for all purposes. 40c.

La France. Beautiful pale peach, rose center; very large and full; free bloomer. An old favorite, without which no collection is complete. 35c.

La Tosca. Silvery-pink with a deeper center; large, full, floriferous; a first-rate garden rose. 40c.

Laurent Carle. Brilliant velvety carmine; very large, valuable either for exhibition or decoration. 40c.

***Lyon.** Shrimp-pink, at ends of petals, center coral-red or salmon, shaded with chrome-yellow, making a most distinct and charming combination. The flowers are large, full and perfectly formed; petals of great substance, broad and very smooth; very fragrant. 40c.

Mabel Drew. A truly magnificent Rose, superb in every respect; exquisitely shaped, with smooth circular petals of great substance. The blooms are large and full. The color is deep cream in the young state passing to intense canary-yellow in the center, as the bloom develops. The growth is vigorous; the perfume deliciously refreshing. Awarded a gold medal at the N. R. S. of London. 60c.

Madame Abel Chatenay. Rosy carmine, shaded with pale vermillion-rose, and tinged with salmon; very distinct and attractive. 35c.

Madame Jules Grolez. Fine, satiny china-rose color; very bright and attractive; large, full and of good form and very free-flowering. A distinct and excellent new Rose. 35c.

***Madame Ravary.** Hardy and very floriferous; color beautiful orange-yellow; flowers very large. The best yellow rose. 40c.

Maman Cochet. Tea. Flowers large, full and double; color clear carmine-rose; exquisite in bud. Blooms in great profusion; very fragrant. 40c.

Margaret. A very clear and delicate tint of soft pink; buds long and handsome, developing into large stiff petalled flowers, the outer edges being nicely reflexed; very fine. 50c.

Margaret Dickson Hamill. Color maize-straw, edge flushed with most delicate carmine on the back of petals. Large blooms are produced in great profusion; leathery foliage on deep crimson leaf stalks; deliciously and powerfully fragrant. Gold Medal, N. R. S. \$2.50.

Margaret Molyneux. Varying from saffron-yellow shaded apricot and peach in the bud state to canary-yellow as the bloom ages and expands. The blooms are semi-double and produced in trusses; a decorative rose of the greatest charm. 50c.

***Marquis de Sinety.** Golden-yellow, shaded bronzy-red; large, full, very fine. 50c.

Miss Alice de Rothschild. (Tea.) Rich deep citron-yellow, which intensifies as the bloom expands. Flowers are full, and of perfect form, with high pointed centers; the petals charmingly reflexed. Deliciously fragrant. 50c.

***Mrs. Aaron Ward.** Indian yellow, occasionally washed with salmon-rose; large, full, very floriferous. 40c.

Mrs. George Shawyer. Brilliant clear rose; very large, well formed and full. Vigorous. 50c.

Mrs. Mackellar. Solid, deep citron or delicate pure canary, becoming pearly primrose white as the petals gracefully expand, vigorous, erect grower, very floriferous. Award of Merit, R. H. S. \$2.50.

Mrs. Peter Blair. Lemon chrome, with golden-yellow center; medium size, lovely shape; deliciously perfumed; very floriferous, decorative rose of exceptional merit. Gold Medal, N. R. S. 40c.

My Maryland. Bright salmon-pink with paler edges; delightfully fragrant; very floriferous. 40c.

Mrs. Foley Hobbs. (Tea.) Delicate, ivory white, faintly tinged clear pink on edge of petals; blooms large, exquisite form, perfect finish; petals thick and shell-shaped, floriferous, deliciously tea perfumed, exceptionally fine for exhibition. Superb. Gold Medal, N. R. S. 60c. each.

Mrs. David Jardine. A glorious and most charming Rose and one that is of immense importance to this section. It possesses vigorous and erect growth, together with marvelously free-flowering habit. The color is a delightful shade of bright rosy-pink, shading in outer petals to salmon-pink; quite distinct from any existing variety. In this Rose we have produced a flower possessing all the chasteness and floriferousness of a Tea, combined with the erect and vigorous growth of a Hybrid Perpetual. It has been inspected growing and flowering by the Committee of the New York Florists' Club, who gave their diploma of superiority, awarding it the highest number of points ever given to a new Rose since the formation of the Society. 50c.

***Pharisaer.** Rosy white, shaded salmon; large, full, and well formed, very floriferous; good. 40c.

Perle d'Or. Polyantha. Nankeen-yellow, with orange center; small, but full; very beautiful and always in bloom. 35c.

***Prince de Bulgarie.** Deep rosy flesh, shaded with salmon; large, full; good. 40c.

***Queen Mary.** A unique and beautiful Rose, bright canary-yellow, crayoned at the edges with pure deep carmine. Very floriferous and fragrantly perfumed. Awarded Silver Gilt Medal at the National Rose Society and a silver Cup for the best Seedling Rose at Crystal Palace, London. 75c.

Rayon d'Or. Yellow cadmium, toning to sunflower yellow. Large, full, globular form; bronze green glossy foliage, mildew proof. Superb. 50c.



Mrs. David Jardine



My Maryland

***Richmond.** A well known brilliant crimson scarlet, not very double, but beautiful in bud; a constant bloomer. 50c.

Souv. de la Malmaison. Bourbon. This is the best of all Bourbon Roses. One of the best flesh-white Roses in cultivation; especial favorite because of its large, sweet Roses, continuing until late in the season. 35c.

Souv. du President Carnot. Rosy flesh, shaded with white; fine long buds on stiff and long stems; delightfully fragrant. One of the best ever-blooming Roses ever introduced. 35c.

***Sunburst.** Superb cadmium yellow with orange center. Flowers large, fairly full, and of elongated cup form. Growth vigorous and branching; very fine forcing and bedding variety. 50c.

Therese. Deep orange-apricot, passing to madder-pink, with carmine splashes. As the flower expands, it becomes ecru veined flesh-pink, passing to silvery-pink. Semi-double, very floriferous; delicately tea perfumed. A charming garden decorative rose. 50c.

Viscount Carlow. Warm carmine pink, stained on deep cream, the stiff, shell-shaped petals being distinctly edged carmine; medium size very freely produced; a remarkably decorative rose with dark bronzy foliage and ideal habit; beautiful. 50c.

White Killarney Double. A double white sport from the well known "Killarney". 50c.

***White Killarney.** A pure white sport from our fine pink H. T. "Killarney", should prove a great acquisition for general culture. 40c.

White Maman Cochet. Tea. Habit strong and upright like its parent, Maman Cochet, having all the fine qualities of that grand Rose. Flowers are of enormous size, remarkably round and full; clear snowy white throughout and very fragrant. 40c.

***Wm. Shean.** A glorious Rose of unquestionable merit, having immense size, perfect form and substance. Color the purest pink. One of the largest Roses yet distributed. 40c.

Wm. R. Smith. White, tinged blush, large, full, very free; good. 50c.

Hardy Hybrid Perpetual Roses

The following list, selected for hardiness, freedom of bloom, vigorous growth, fragrance and form, includes **only first-class sorts—the cream of remontants. The plants are select, extra size two-year-old.**

We have always been prejudiced against Holland stock, principally because of its being budded high; but we have this year procured some fine plants of H. P.'s and 24 H. T.'s, **very low budded**, which we can offer at 25c each, \$2.00 per ten, \$17.00 per hundred. 5 to 25 at the 10 rate, 25 or more at the 100 rate, provided not less than 5 of a variety are ordered.

- Alfred Colomb.** Bright carmine-red; large and full; fine globular form.
- Anne de Diesbach.** A beautiful carmine of perfect form and very sweet.
- Baron de Bonstetten.** Rich, velvety maroon; large and full; very fine.
- Baroness Rothschild.** Light pink, suffused with white; large, globular form; extra fine.
- Ben Cant.** Flowers large and finely formed; deep clear crimson, darker in the center; sweet-scented, thoroughly perpetual; very promising. "It is undoubtedly one of the finest Hybrid Perpetuals of its color ever raised".—The Garden, London.
- Captain Hayward.** Scarlet - crimson, perfect form, sweetly perfumed; fine. 30c.
- Clio.** Flesh-color, shaded in the center with rosy pink; flowers large and globular; handsome foliage.
- Earl of Dufferin.** Rich velvety crimson, shaded with maroon; large, full and deliciously fragrant. 35c.
- Fisher Holmes.** Shaded crimson-scarlet; very brilliant; large and full.
- Francois Michelin.** Deep carmine-rose, reverse of petals silvery; fragrant and free bloomer; excellent, late in June and July, when other varieties are gone and also in the autumn.
- Frau Karl Druschki.** We cannot speak too highly of this grand Rose. It is perfectly hardy, vigorous, and a free and continuous bloomer. Blooms very large, perfectly formed; snow-white, with well-shaped petals, opening well; strong and vigorous; an ideal white Rose. Has won many prizes since its introduction in 1900. 35c.
- General Jacqueminot.** Brilliant red; velvety, large and double; fine for massing.
- Hugh Dickson.** Brilliant crimson, shaded scarlet; good size and fine form; petals smooth, slightly cupped and reflexed. Free-flowering and vigorous in growth; very highly perfumed. Gold medal. 35c.
- Jean Liabaud.** Velvety crimson-maroon; large, full and fragrant.
- John Hopper.** Bright rose, with carmine center; a profuse bloomer and standard sort.
- La Rosiere.** Maroon - crimson, shaded with black; cupped, double and effective.
- Mabel Morrison.** A sport from Baroness Rothschild, which it resembles in many respects. Color is white, sometimes tinged with pink. In autumn flowers are pale pink.
- Madam Gabriel Luizet.** A delicate and beautiful pink; large and full; cupped and very sweet. Equal to the Baroness Rothschild as an exhibition Rose.
- Magna Charta.** Bright pink suffused with carmine; very large, full and of good form; habit erect; foliage rich, very abundant in bloom.
- Margaret Dickson.** Is white, with pale flesh center; large shell-like petals of good substance; form good; foliage handsome, dark green; fragrant.
- Marie Baumann.** Brilliant, carmine-crimson; large, full, of exquisite color and form; fragrant; extra fine.
- Marshall P. Wilder.** Cherry-red; large, well formed and very fragrant. Very free bloomer late in autumn.
- Merveille de Lyon.** Pure white, sometimes washed with satin-rose; very large, full and cupped; similar to its parent, Baroness Rothschild, but larger.
- Mrs. R. G. Sharman-Crawford.** Deep rosy-pink, outer petals shaded blush; large and of good imbricated form; one of the most constant flowering from early summer until late in autumn. Received a gold medal from the National Rose Society of England. One of the finest Roses grown. 35c.
- Mrs. John Laing.** Soft pink, of beautiful form; very fragrant and free-flowering. 35c.
- Paul Neyron.** Deep rose color, very large, fine form and habit; the largest rose; very desirable. One of the best.
- Prince Camille de Rohan.** Crimson maroon, rich and velvety; large and full; one of the best of the old Roses.
- Reynold's Hole.** Maroon, shaded with crimson; large and globular form; distinct and good.
- Rodocanachi.** Soft transparent rose-pink, good form and fragrance; growth vigorous; a grand Rose.
- Soleil d'Or.** The only yellow Hybrid Perpetual. A cross between Persian Yellow and Antoine Ducher; it has the perfect hardiness of the former, with more full, globular flowers, varying in color from gold and orange to reddish gold, shaded with nasturtium-red. 40c.
- Ulrich Brunner.** Bright cerise-red. In all respects a very fine Rose. 35c.

Rugosa Roses and their Hybrids

A very interesting group from Japan. They are exceedingly hardy, and thrive in almost any soil or situation. They form strong bushes 3 to 4 feet high, furnished with handsome glossy foliage which render them highly ornamental. They continue to bloom from June to November, after which the bright red seed-pods are striking objects during winter. They make grand shrub effects.

Alba. Single white. 35c; 3-year, 50c.

Atropurpurea. The flowers, produced in large bunches, are crimson-maroon, and in the bud state almost blackish crimson. 35c; 3-year, 50c.

Belle Poitevine. Rose-color, double, very floriferous and very sweet. 40c.

Blanc Double de Coubert. A double white form of Rugosa alba, large and showy; delightfully fragrant. Superb. 40c. 3-year, 50c.

Conrad F. Meyer. Clear silvery rose; large, fragrant flowers; bud well formed; foliage not like Rugosa. 40c.

Madame G. Brunt. Buds long and pointed, when open semi-double; pure white and fragrant. 30c; 3-year, 50c.

Rugosa rubra. A most beautiful bright rosy crimson. Its flowers, borne in clusters nearly all summer, are delightfully fragrant. 40c.

Moss Roses

This is a favorite class on account of the beautiful buds, which, for bouquets and cut flowers, are invaluable. They require close pruning and high culture. The four kinds that follow are considered best sorts.

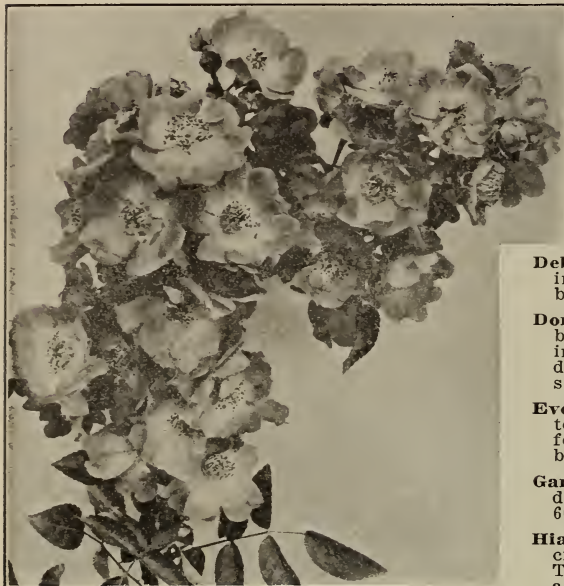
Crested Moss. Deep pink-colored buds, surrounded with a mossy fringe and crest; a

fragrant and very beautiful rose. 40c.

Gracilis. Deep pink, buds beautifully crested. 40c.

Salet. Light rose, large, full and beautiful in bud. 40c.

White Bath. The best white Moss Rose. 40c.



Hiawatha (Climbing Rose.)

Climbing and Trailing Roses

American Pillar. (Polyantha.) Very vigorous, producing huge clusters, followed in autumn with red hips; flowers single and large, three to four inches across lovely shade of pink, with a clear white eye and bright yellow stamens. 40c.; 4-year, 75c.

Carmine Pillar. Flowers very large, early, single, bright rosy carmine; grows 10 to 12 feet in a season. 40c.

Christine Wright. An exquisite Rose of strong climbing habit; heavy dark green foliage, which is immune to disease. Flowers are double, $3\frac{1}{2}$ to 4 inches in diameter, borne singly and in clusters; color a most refreshing wild rose pink. Flowers profusely in June and continues more or less throughout the season. 50c.

Dawson. This is a cross between the Japanese Rose, Multiflora compacta and General Jacqueminot. A wonderfully strong grower, with flowers of a bright carmine, very double and produced in large, pyramidal clusters. 40c.

Excelsa. (Red Dorothy Perkins.) Winner of Hubbard Memorial Medal for the best Rose introduced in the past five years. Most beautiful new rose which, no doubt, will supersede Crimson Rambler. Color is a clear, bright crimson with no trace of magenta, the foliage always clean and glossy. 50c.

Flower of Fairfield. (Polyantha.) Very vigorous grower; color, brilliant crimson, base of petals white, flowering in profusion. 40c.; 3-year, 75c.

Helene. Individual flowers larger than those of Crimson Rambler; semi-double; color, violet-rose, with yellowish white center. Habit fully as strong as the Rambler, but more graceful. 35c.

Leuchestern. A new polyantha, producing in great profusion large bunches of cineraria-like flowers; color bright rose with large white eye; growth and foliage distinct and beautiful; excellent for pyramids. Caused a great sensation at the Temple Flower Show in London. 35c.; 3-year, 60c.

Rubin. Deep crimson blooms larger and fuller than Crimson Rambler; beautifully formed; hardy and very vigorous. 40c.

Setigera. A very popular single flower; 3 inches in diameter; blooms just after Crimson Rambler. Very showy and effective. 35c.; 3-year, 50c.

Tausendschon. (Polyantha.) Pink, rosy carmine when expanded; large clusters. 40c.

Wichuraiana Hybrids

This includes some of our most beautiful climbing Roses. The Hybrids crossed with this type, a rampant trailing Rose, and various strong, upright growers, produce vigorous growth and freedom of bloom combined with the beautiful Wichuraiana or evergreen foliage. The foliage is of a leathery texture, a beautiful shiny green, and not only is proof against all insects, but is retained on the plant far into the winter. Prices, 40c. except as noted.

Debutante. Beautiful soft pink, double flowers in clusters; fragrance of the Sweetbrier; blooms in July and again in September. 40c.

Dorothy Perkins. We consider this one of the best pink climbers, rivaling Crimson Rambler in all but color, which is clear shell-pink and does not fade. It excels in beautiful foliage, size and fragrance of bloom. 30c.; 4-year, 50c.

Evergreen Gem. Flowers buff in bud, changing to almost white; 2 inches in diameter; perfectly double and with the scent of the Sweetbrier; foliage very dense and bronzy. 40c.

Gardenia. Flowers cream, 3 to $3\frac{1}{2}$ inches in diameter; delightfully fragrant. 40c.; 3-year, 60c.

Hiawatha. The flowers are single, of intense crimson, shading to a pure white at the base. The flowers, about one and one-half inches across are produced in large clusters as in the Lady Gay. Each spray containing forty or fifty flowers is just as pendulous as those of Dorothy Perkins. 30c.; 4-year, 50c.

Lady Gay. Polyantha Seedling from Crimson Rambler; flowers of good size, delicate cherry-pink, fading to soft white; borne in very large clusters; a magnificent variety. 30c.; 4-year, 50c.

Minnehaha. A charming double satiny-pink flowering Rambler of a most pleasing color. It is quite distinct from the various shades of pink and is a most attractive rose. Flowers borne in large clusters; foliage glossy green. Awarded silver medal. 30c.; 4-year, 50c.

Sweetheart. Bright pink in bud, on opening shades to a white; double flower, deliciously fragrant. 40c.

W. C. Egan. Flowers large, very full, silvery pink, in clusters. 45c.

Wedding Bells. Shell pink, base of petals white, most floriferous; semi-double. 40c.

Wichuraiana. (Memorial Rose.) This is a distinct and valuable low trailing species from Japan. The pure white flowers are produced in profusion during the month of July. 30c.

From New York.

Your roses have been very highly recommended to me by some of my friends at Scarborough. I am anxious to try some of them myself. I want them to be your very best Irish grown budded stock.

From New York.

Will you please send me your rose catalogue as I hear you have such fine roses?

From Massachusetts.

I shall want a few more roses this year and yours are the best I have been able to get. Kindly send me your latest catalogue.

From Schenectady.

We unpacked and planted the rose bushes Saturday last, three days after they arrived. We found them not only in fine condition but well "cut back" leaving nothing to do but proper planting and after care.



Roses in Tree Form.

Roses in Tree Form

Roses in tree form are among the most showy of plants. Stock grown on *Rugosa* has proven so successful in our trying climate that we have this season prepared to furnish larger numbers than ever of choice varieties.

Prices:—We offer a grand collection of Rose Trees on *Rugosa* stock in the best varieties. XX, 3 to 5 plants, \$1.25 each; 6 or more plants, at \$1.00 each. X size, 3 to 5 plants, \$1.00 each, 6 or more, 75c. each. Those 3 ft. high, \$2.00 each; 3 or more \$1.75 each.

Standards or Tree Roses

American Pillar
Antoine Rivoire
Betty
Chateau de Clos
Vougeot
Caroline Testout
Clio
Excelsa, 8 feet
Dorothy Perkins, 8 ft.
Duchess of Wellington
Etoile de France

Frau Karl Druschki
Flower of Fairfield, 8 ft.
Geo. C. Waud
Geo. Dickson
Gruss an Teplitz
Hadley
Harry Kirk
Hiawatha, 8 ft.
Hugh Dickson
J. B. Clark
Jonkheer J. L. Mock

K. A. Victoria
Killarney
Konigin Carola
Lady Ashtown
Lady Gay, 8 ft.
Lady Hillingdon
Lady Ursula
La Tosca
Mabel Drew
Madam Ravary
Madam Jules Grolez

Mrs. Aaron Ward
Marquis de Sinety
Magna Charta
Mrs. R. G. Sharman-
Crawford
Mrs. John Laing
Rayon d'Or
Sunburst
Ulrich Brunner
White Killarney
Zepherine Drouhin

Miscellaneous Roses

Austrian Copper. Flowers single, brilliant, coppery red, outside of petals dull gold; a very effective Rose. 40c.

Baby Rambler. A cross between Crimson Rambler and a polyantha sort, it blooms freely from June to October. 35c. each.

Pink Baby Rambler. (Anie Mueller.) Beautiful pink flowers, are very persistent and slightly fragrant. 35c.

Cabbage Centifolia. (Cabbage Rose.) Rose-color; large size, globular form; very fragrant; superb variety. 40c.

Harrison's Yellow. Fine golden yellow, semi-double; flowers profusely. 40c.

Madame Plantier. Pure white; about medium size; full; produced in great abundance early in the season. One of the best white roses for hedges. 40c.

Mignonette. A splendid variety of Rose for edging beds; deliciously perfumed and constantly in bloom. Dwarf. 30c.

Mrs. Cutbush... (Cerise-Pink Baby Rambler.) Identical in color with the beautiful Lady Gay; always in flower. 30c.

Multiflora Japonica. Exceedingly free-flowering, fairly covering itself with great clusters of

small white single, sweetly fragrant flowers. It grows rapidly, and is a valuable shrub. 40c.

Persian Yellow. Bright yellow, small, nearly full; like the above two, should be pruned little, as the flowers are produced from the terminal shoots of the old wood, or prune one bush one year and another the next. 40c.

Rosa spinosissima. Low shrub, with upright branches; 3 to 4 feet high. Foliage is small and dark; flowers single, pure white or pink; a very persistent bloomer during a large portion of the summer, followed by deep black hips or seed pods during the winter. Being exempt from insect pests and perfectly hardy, it should be freely planted. 75c.

Rubiginosa. (Sweetbrier, Eglantine.) Dense shrub, attaining 6 feet. Flowers bright pink, 1½ to 2 inches in diameter; hips ovoid, orange-red or scarlet; a handsome hardy Rose of compact habit, whose foliage exhales a very agreeable, aromatic odor. 40c.

Amy Robsart. Deep rose. 40c.

Lord Penzance. Soft shade of fawn or ecru. 40c.

Meg Merrilies. Gorgeous crimson, very free flowering; one of the best. 40c.

From Maryland.

A friend of mine, Mr. ———, of Greenwich, Conn., while visiting my country place in Maryland this fall, greatly admired the Baby Ramblers you sent me this spring, has requested me to place an order with you for him for 100 similar plants.

P. S.—You have on file an order from me for 200 more of these plants and several other items to forward in spring. I trust you will see that I will get as good plants this year.

From Illinois.

Your shipment of roses to us was so satisfactory that we wish to order more and would like your general catalogue.

The Adirondacks, N. Y.

Everything you planted in our old fashioned garden is doing fine and the roses are simply grand.

From New Jersey.

The rose plants were received today in good order. I enclose my check for same with thanks.

From New Jersey.

September 30th.
I wish to tell you the "tree" roses ordered from you last spring have done splendidly. They are today a delight—some of them still beautifully blooming. Neighbors and friends greatly admire them and ask "where did you get them?"

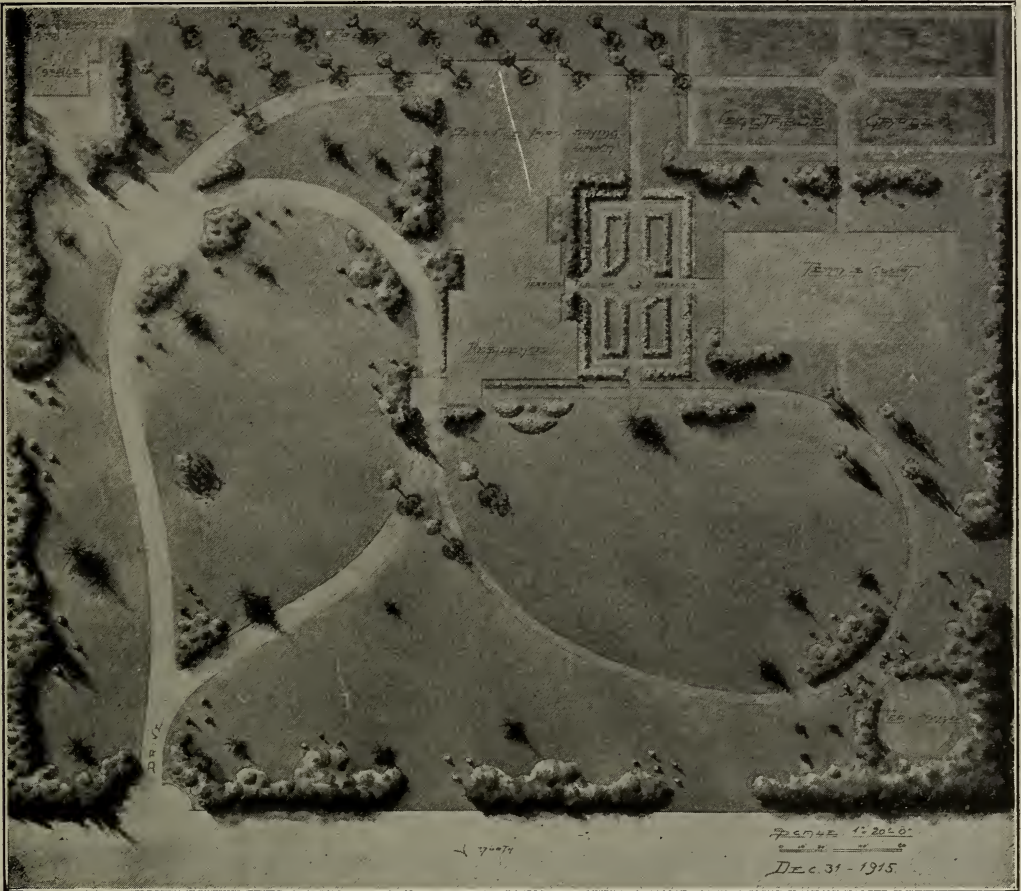
From Philadelphia, Pa.

My sister-in-law, Mrs. ——— has had great success with your roses and I want to order some. The number and names I have marked in your list.

From Ohio.

Roses came in good condition and I am well pleased. They are the nicest lot of roses I have ever bought and give promise of something better in the way of bloom.

Thanking you for the extras, I remain,



Design of a ground containing about four acres.

It has been well said that "the skill of a physician depends on his ability to diagnose a case". The proper diagnosis having been made, the application of remedies is an easy matter. The books give that information, while ability to diagnose comes only from long experience.

In like manner it may be said that the skill of a landscape architect depends upon his selection of material. Landscape architects would agree quite generally on the location of plants in a given area, but they would differ very widely in their selection of material to suit the location and the architecture. To know the best varieties for a given effect requires not only a knowledge of the best plants as to their habit, color effect and ultimate size, but also a wide experience and observation in results attained by previous plantings. Any tyro can make a landscape design and locate fairly well the planting areas, but **it takes real talent to select the proper plants for the various areas to be planted.** Moreover, the successful planter must have the artist's imagination and an eye to the beautiful to attain the best results. It may be said of him as of the poet, a landscape architect is "born not made". As the artist must mix his paints with brains so the architect must mix his plants with brains. No hard and fast rules can be laid down as every place presents conditions peculiar to itself.

We have seen plans beautifully drawn and places planted with the finest of trees which looked well for a time, but the material selected either was not adapted to the place or the planting was so close that the beauty of the plants was spoiled by crowding. Strange to say, the landscape development of small places requires the greatest skill. The space being much restricted demands just the proper selection, whereas in a larger space more liberty is given for the selection of plants.

INDEX

Page		Page		Page		Page	
Abies	4	Deutzia	26	Larch	19	Robinia	22
Acacia	22	Dianthus	40	Larix	19	Roses	55, 61
Acer	15, 16	Dicentra	40	Larkspur	40	Everblooming	56, 58
Achillea	37	Diervilla	26	Leucothe Catesbaei	12	Hybrid Perpetual	59
Actinidia	23	Digitalis	40	Ligustrum	28	Tree	61
Aesculus	16	Directions for Plant-		Lilac	30, 31	Miscellaneous	59
Ailanthus	16	ing	1	Lily-of-the-Valley	39	Moss	59
Akebia	23	Dogwood	15, 26	Linden	22, 23	Climbing	60
Allspice	26	Dolichos	24	Liquidambar	19	Rosebay	11
Althaea	27	Doronicum	40	Liriodendron	19	Rubus	29
Ampelopsis	23	Echinacea	40	Locust	22	Rudbeckia	45
Anchusa	37	Edelweiss	40	Lonicera	24, 28	Salisburya	22
Anemones	37	Elaeagnus	26	Lupinus	43	Salix	22
Angelica Tree	25	Elder	29	Lychnis	43	Salvia	45
Apples	32, 33	Elm	23	Magnolia	19, 20	Sambucus	29
Apricot	34	Erianthus	40	Mahonia Aquifolio	12	Scabiosa	45
Aquilegia	38	Erigeron	40	Maidenhair Tree	22	Sciadopitys	10
Aralia	5	Eryngium	40	Maple	15, 16	Sedum	45
Arborvitae	29	Eulalia	40	Meadow Sweet	30	Shrubs, Deciduous	25
Aristolochia	23	Euonymus	24, 27	Mock Orange	29	Shrubs, Hardy	
Ash	19	Evergreens	3, 10	Monarda	43	Climbing	23, 24
Asparagus	36	Evergreen Shrubs	11, 12	Morus	20	Silver Bell Tree	27
Asters	38	Exochorda	27	Mountain Laurel	12	Snowball	31
Astilbe	38	Fagus	18	Mulberry	20	Spirea	30
Azaleas	12, 25	Feverfew	40	Myosotis	44	Spruce	7
Barberry	25	Filbert	26	Myrtle	45	Stachys	45
Beech	18	Fir	3, 4	Negundo	20	Stephanandra	30
Berberis	25	Forget-me-not	40	Oak	21	Stokesia	45
Betula	16	Forsythia	27	Oleaster	26	Stone Crop	56
Bignonia	23	Foxglove	40	Papaver	45	Strawberry Tree	27
Birch	16	Fraxinus	19	Pavia	29	Strawberries	36
Blackberries	35	Fruits	32, 36	Peaches	20, 35	Sumac	29
Blanket Flower	41	Funkia	41	Pearl Bush	27	Sun Flower	32
Bleeding Heart	40	Gaillardia	41	Pears	34	Sweet William	51
Boltonia	35	Geum	41	Pentstemon	45	Symphoricarpos	30
Box	12	Gnaphalium	41	Peonies	46, 54	Syringa	29, 30
Boxwood Trees	12	Golden Bell	27	Perennials, Hardy	37	Taxodium	22
Calycanthus	26	Gooseberries	36	Persica	29	Taxus	9
Campanula	39	Grapes	35	Philadelphus	29	Thuja	9
Carpinus	17	Grasses	41	Phlox	44	Tecoma	23
Caragana	26	Halesia	41	Physostegia	45	Thorn	18
Catalpa	17	Hedera	24	Picea	7	Thujopsis	10
Catawbiense	11	Hedges	13	Pine	6	Tilia	22, 23
Celastrus	23	Helenium	41	Plane Tree	20	Torch Lily	56
Centaurea	39	Helianthus	41	Plantain Lily	41	Tree of Heaven	15
Cercis	17, 26	Heliopsis	41	Platanus	20	Tritoma	45
Chelone	39	Hemerocallis	41	Platycodon	45	Trumpet Creeper	23
Cherries	33, 34	Hemlock	10	Plums	34	Tsuga	10
Chionanthus	17	Heuchera	41	Poplar	21	Tulip Tree	19
Chrysanthemum	39	Hibiscus	27, 41	Populus	21	Ulmus	23
Cladrastis	17	Hollyhock	41	Primula	45	Veronica	45
Clematis	24, 39	Honeysuckle	24, 28	Privet	28	Viburnum	31
Clethra	26	Hornbeam	17	Pueraria	24	Vinca	24
Cone Flower	45	Horse-chestnut	16	Pyrethrum	45	Viola	45
Coreopsis	33	Hydrangea	27	Pyrus	21	Virgilia	17
Cornus	18, 26	Hypericum	41	Quercus	21	Virgin's Bower	24
Corylus	26	Iris	42, 43	Quinces	35	Walnut	19
Crab	21	Jonquils	47	Raspberries	36	Waxberry	30
Crab Apples	33	Juglans	19	Red Bud	17	Weigela	26
Crataegus	18	Juniper	12	Retinispora	8	White Fringe	17
Currants	36	Kalmia	12	Rhododendron	11	Willow	22
Cypress	22	Kerria	29	Rhodotypus	29	Wistaria	24
Deciduous Trees	15, 23	Koelreuteria	19	Rhubarb	36	Yew	9
Delphinium	40			Rhus	29	Yucca	45

IMPORTANT ANNOUNCEMENT

Save 20% on Holland Bulbs by Ordering before July 1—Shipped Direct to You in Growers Original Packages—If Interested Ask for Price List.

An Invitation IRIS, ROSE and PEONY EXHIBIT. While visitors are always welcome to our Nurseries, yet a special invitation is extended to the public to visit us in June. If those interested will write us, we shall be pleased to name the best dates as soon as the season shows itself to be normal or otherwise.

